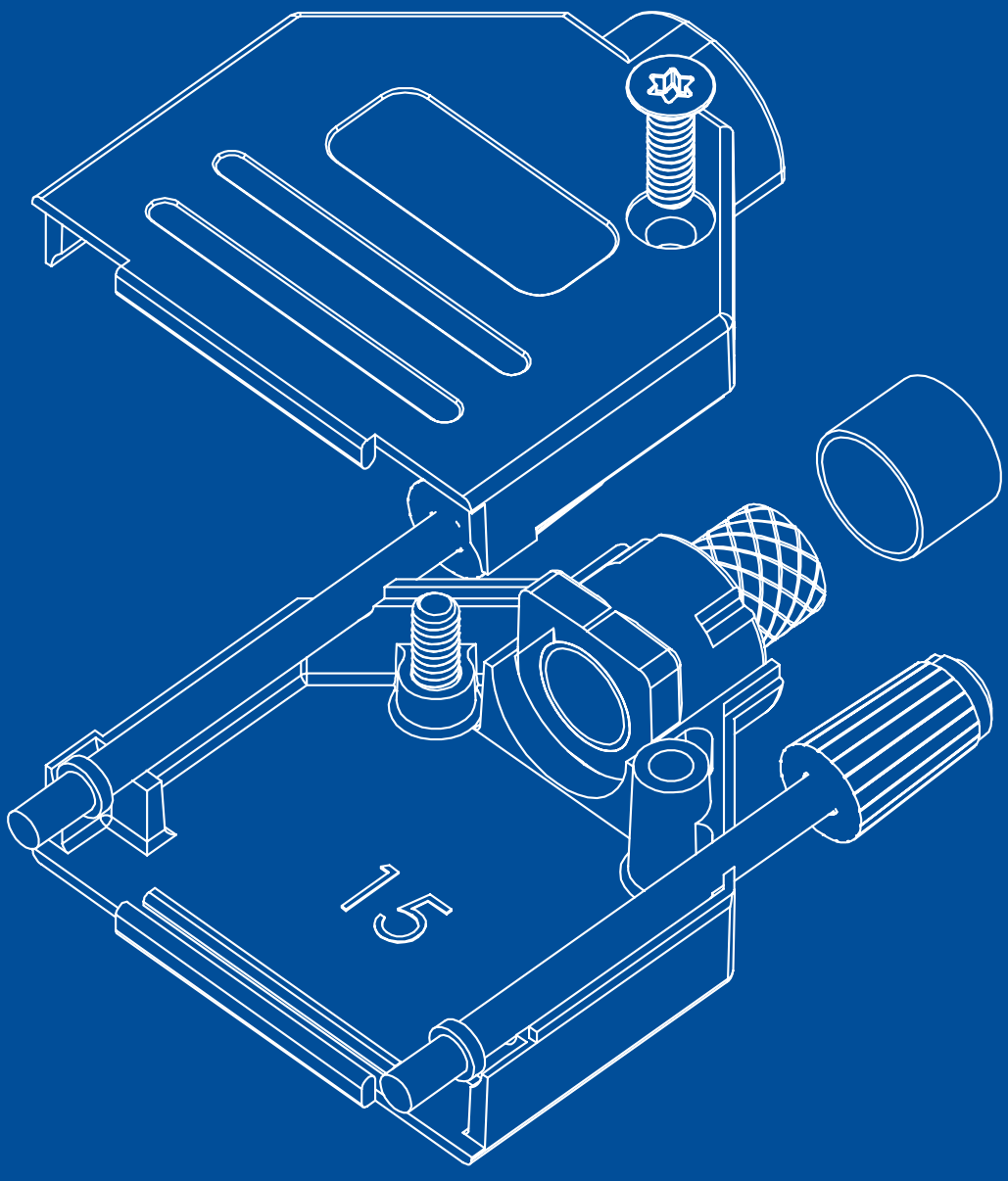
D-SUB BACKSHELLS



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CAMBRIDGE TECHNOLOGIES

OSSI®: CONNECT TO EXCELLENCE

D-SUB BACKSHELLS CATALOGUE / EDITION 05

OSSI® CONNECTORS

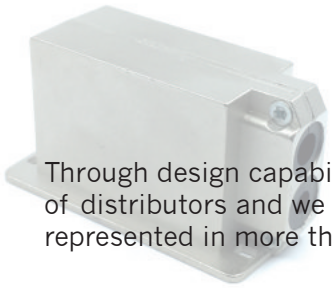
CONNECTORS, PARTS AND EXCELLENCE SINCE 1974

Notes

Supply and Service

Ossi Connectors A/S® is a leading supplier in design and manufacturing of I/O interconnect products for the electronics, datacom, telecom, medical and industrial market sectors. Our vast experience of designing standard and custom design solutions positions us as the provider for your interconnection applications.

Benefits



Through design capability, high quality and short lead times, our products are distributed by efficient network of distributors and we also co-operate with key accounts for special requirements. Ossi Connectors A/S® is represented in more than 25 countries and our distribution network is constantly growing.

Capability

The fully automatic assembly and packaging machines with our experienced employees assure the quality standards and support our production processes. The manufacturing resources include design, prototypes and manufacturing of standard and custom designed products. The engineering department supports our clients thorugh the entire concept stage from idea to serial production.

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T +45 5478 2888
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D-SUB PLASTIC BACKSHELLS

	Product	Assembly
Linecard	5	
DPPK	6	7
DTPPK	8	9
DPPK-2	10	11
DVPK	12	13
DSPK-SL	14	15

EMI/RFI SHIELDED D-SUB BACKSHELLS

	Product	Assembly
Linecard	16 - 19	
DTPMK	20	21
DVPMK	22	23
DTZK	24	25
DTZK-JSS	26	27
DVZK	28	29
DVZK-JSS	30	31
DTZK-CZA	32	33
DTZK-CZAK	34	35
DVZK-CZA	36	37
DVZK-CZAK	38	39
DVZK-SL	40	41
DVZK-W	42	43
DTNMK (non-magnetic)	44	45
DVNMK (non-magnetic)	46	47
DSZK	48	49
DSZK-CZA	50	51
DSVZK	52	53
DMTZK	54	55
DMTZK-SL	56	57
DMVZK	58	59
DMVZK-SL	60	61
DSZK-SL	62	63
DSK-SL	64	68 - 70
DSK / DTK-SL	65	68 - 70
DTK	66	68 - 70
Ferrule version DSK / DTK	67	

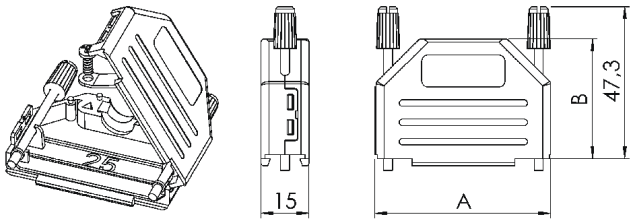
OSSI CONNECTORS

SERIES	DPPK	DTPPK	DVPK	DPPK-2	DSPK-SL	DAPK
SHELL SIZES	9/15/25/37	9/15/25/37	9/15/25/37	9/25	9/15/25/37	15/25
STANDARD MATERIAL	POLYAMIDE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	YES	YES
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	ADAPTER
FLAT ROUND CABLE	YES	YES	YES	YES	YES	ADAPTER
FLAT CABLE	NO	NO	NO	NO	NO	ADAPTER
FEATURES						
UL COMPLIANCE	UL94 V2	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE CLAMP	CABLE INSERTS	CABLE INSERTS	CABLE CLAMP	CABLE INSERTS	N.A.
CABLE OUTLET	180°	180°	45°	180°	90°	N.A.
CABLE BOOT	YES	NO	NO	NO	NO	N.A.
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	YES

D-Sub Backshells DPPK-Series

TECHNICAL SPECIFICATIONS

Material:	Nylon UL94 V2
Temp. range:	-55˚C - 105˚C
Cable strain relief:	Cable clamp with self-tapping screws
Cable diameter:	3.0 - 11.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Locking force:	≤300 N
Cable outlet:	Straight



TYPE	A	B
DPPK9	32,4	31,3
DPPK15	40,7	30,8
DPPK25	54,4	37,3
DPPK37	70,9	36

PART NUMBERING SYSTEM

DPPK25 - M2.6 - RED - K

Series:
DPPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Hinged single piece moulding with retaining latches
- Light weight and cost effective
- Compact and attractive design
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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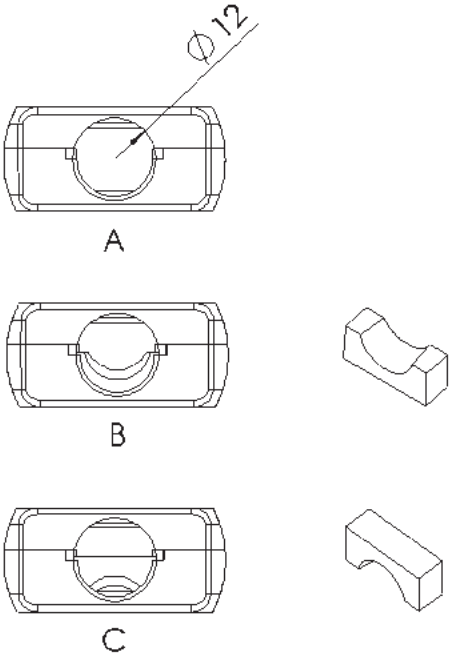
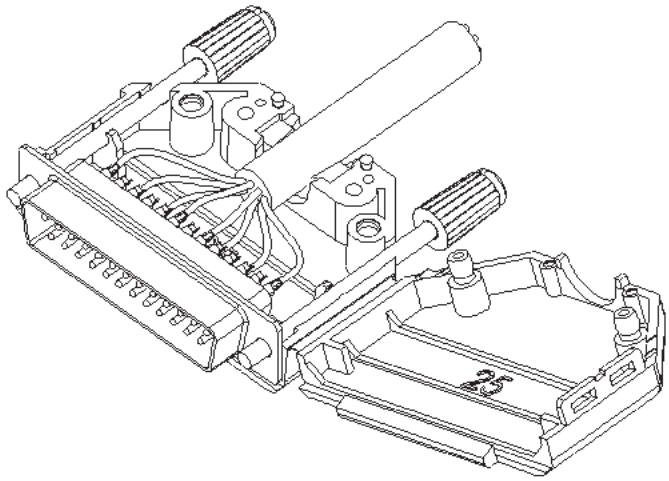
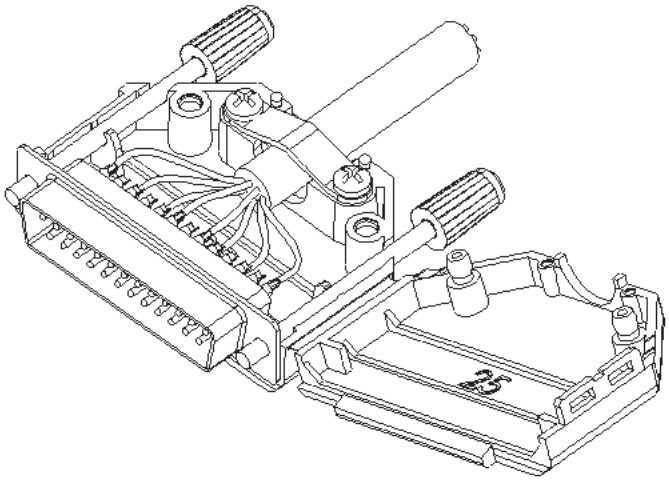
Assembly instruction DPPK Series

Decide if cable grommet suits the assembly facing upwards or downwards depending on the outer diameter of the cable.
The cable grommet can be left out if the cable outer diameter is large enough. The maximum cable diameter is 12 mm.

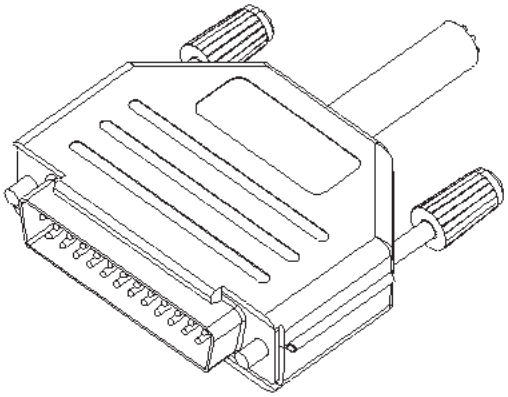




Place the mounted cable and connector inside the back shell.
Mount the cable clamp and assembly screws. Maximum mounting torque is 100 Ncm.



Close the hinged back shell and assembly is completed.



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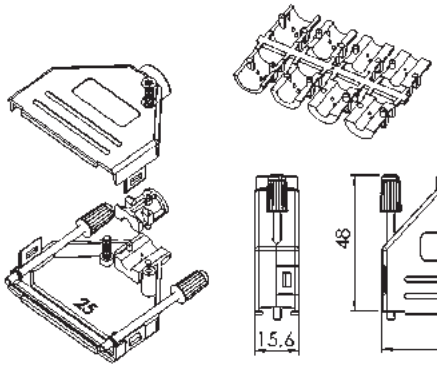
D-Sub Backshells DTPPK-Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate UL94 V0
Temp. range:	-55˚C - 105˚C
Cable strain relief:	Grommets 4, 5, 7 and 9 mm, Polycarbonate UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded plastic knob for colour coding. UNC4-40 as standard. M2.5, M2.6 and M3.0 are optional
Cable outlet:	Straight



TYPE	A	B
DTPPK9	31	38,3
DTPPK15	39,3	40,5
DTPPK25	53	47,8
DTPPK37	69,5	52,2

PART NUMBERING SYSTEM

DTPPK25 - M2.6 - RED - K

Series:
DTPPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Compact and attractive design
- Re-openable
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 are optional
- For custom designed solutions, please consult factory

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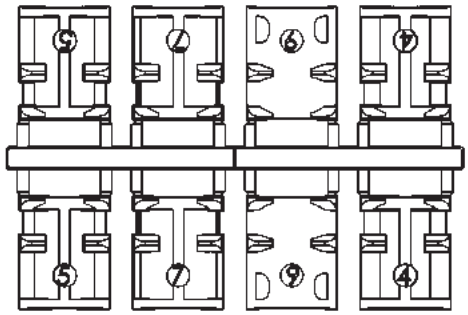
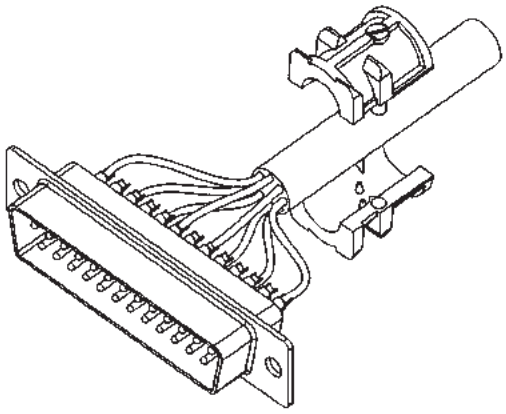
Assembly instruction DTPPK Series

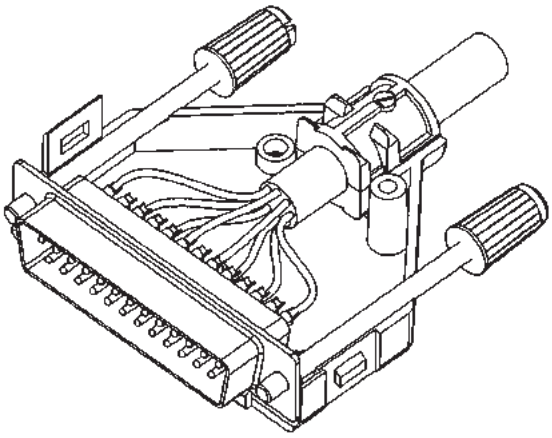
Use two halves of strain relief and attach the strain relief around the outer jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



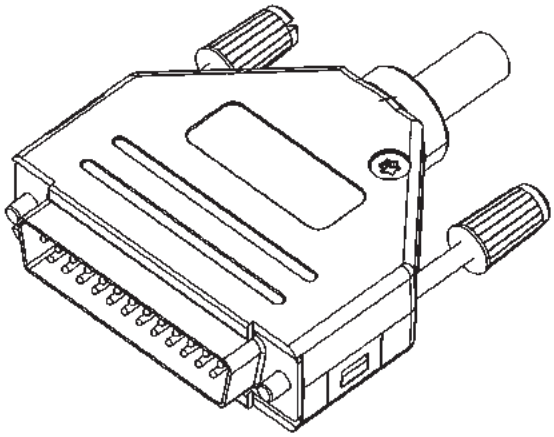
Attach the strain relief around the outer jacket.



Mount connector and cable into the back shell.



Assemble bottom half and top half using the two assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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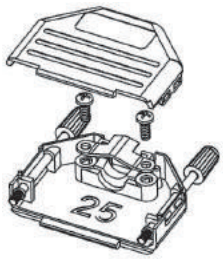
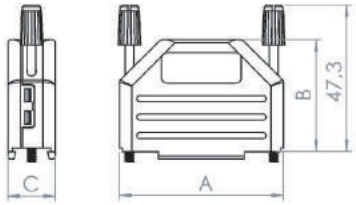
D-Sub Backshells DPPK-2 Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate UL94 V0
Temp. range:	-55˚C - 105˚C
Cable strain relief:	Cable clamp with self-tapping screws
Cable diameter:	3.0 - 11,0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Cable outlet:	Straight





TYPE	A	B	C
DPPK9-2	32,4	31,2	16
DPPK25-2	53,4	36,4	15,4

PART NUMBERING SYSTEM

DPPK-2-25 - M2.6 - RED - K

Series:
DPPK-2
Size:
9 and 25
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9- and 25-way
- Retained jackscrews
- Light weight and cost effective
- Compact and attractive design
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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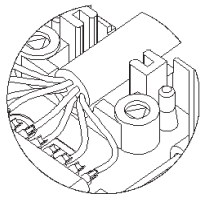
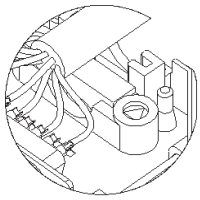
Assembly instruction DPPK-2 Series

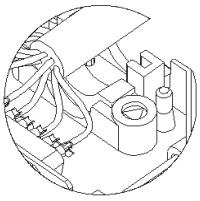
Decide if option A (cable diameter 9 - 11 mm), option B (cable diameter 5 - 9 mm) or option C (cable diameter < 5 mm) is applicable. Depending on the cable diameter, back shell is assembled either without cable grommet or cable grommet facing upwards or downwards. Size 9 version is assembled without the cable grommet and cable clamp.



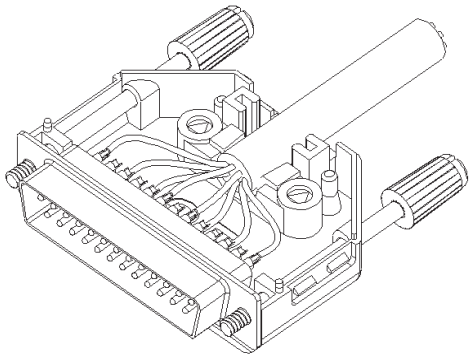
A



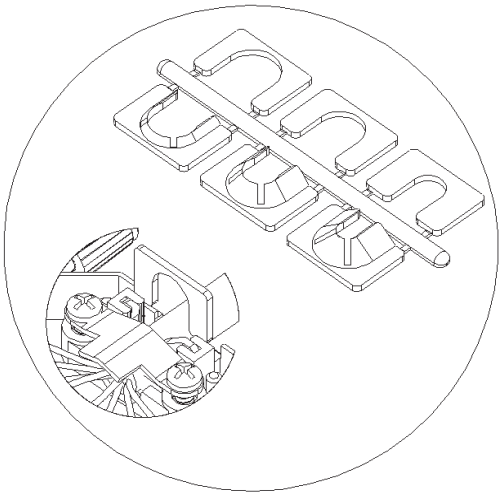
C

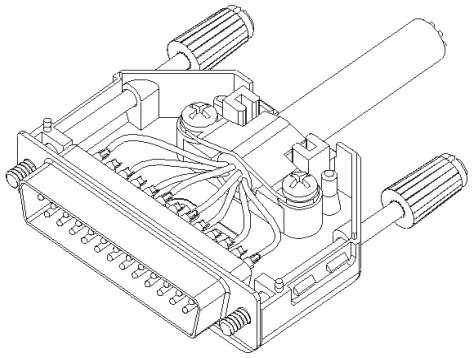


B

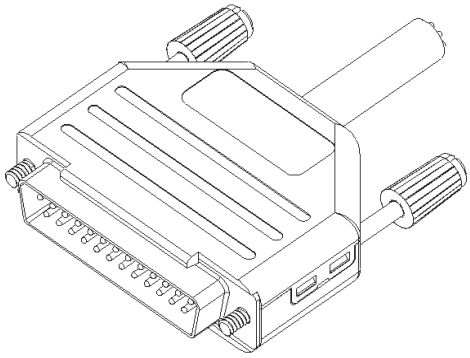


Place the mounted cable and connector inside the back shell. Mount the cable clamp with the two accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm. Strain relief kit is provided as an option for size 25 version and delivered as standard for the size 9 version.





Close the connector hood by clicking bottom and top half together. Assembly is now completed.



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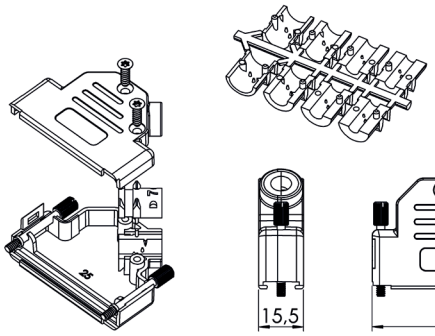
D-Sub Backshells DVPK-Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate, PC UL94 V0
Temp. range:	-55°C - 105°C
Cable strain relief:	Polycarbonate UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Thread forming
Cable outlet:	45°



TYPE	A	B
DVPK9	31	36,2
DVPK15	39,3	40,2
DVPK25	53	40,2
DVPK37	69,5	40,2

PART NUMBERING SYSTEM

DVPK25 - M2.6 - RED - K

Series:
DVPK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour:
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Compact and attractive design
- Suitable for high-integrity data links
- No special assembly tools required
- Moulded logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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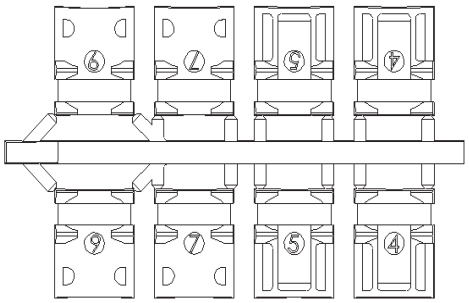
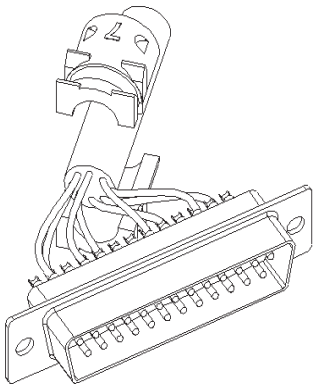
Assembly instruction DVPK Series

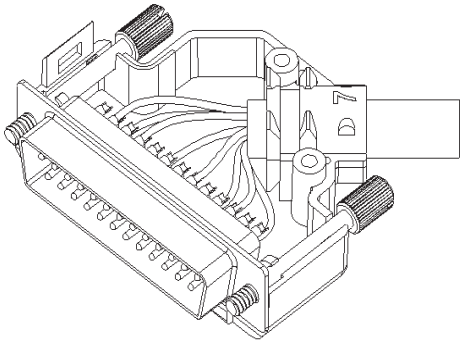
Use two halves of strain relief and attach the strain relief around the outer jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



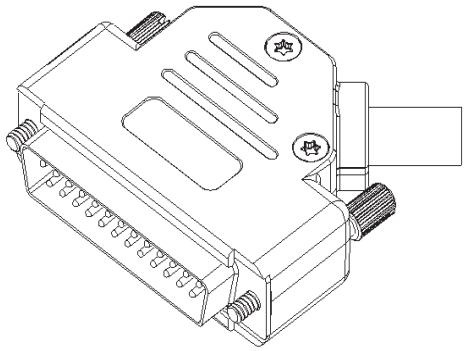
Attach the strain relief around the outer jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied screws.
Maximum mounting torque is 100 - 120 Ncm.



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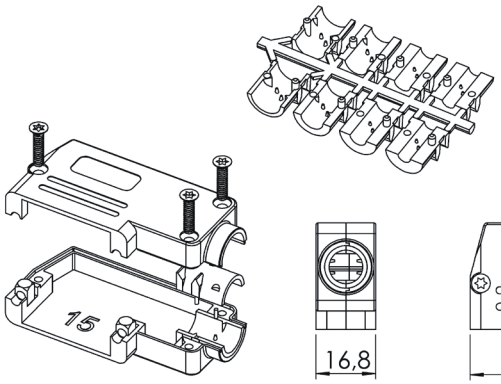
D-Sub Backshells DSPK-SL-Series

TECHNICAL SPECIFICATIONS

Material:	Polycarbonate, PC UL94 V0
Temp. range:	-55°C - 105°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Assembly screws:	Thread forming
Cable outlet:	Side



TYPE	A
DSPK9-SL	56,3
DSPK15-SL	64,3
DSPK25-SL	78,3
DSPK37-SL	94,7

PART NUMBERING SYSTEM

DSPK15 - SL - K

Series:
DSPK-SL
Size:
9, 15, 25 or 37

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25 and 37
- Light weight and cost effective
- Measures 30 mm high for tight spaces
- Suitable for high-integrity data links
- No special assembly tools required
- Moulded logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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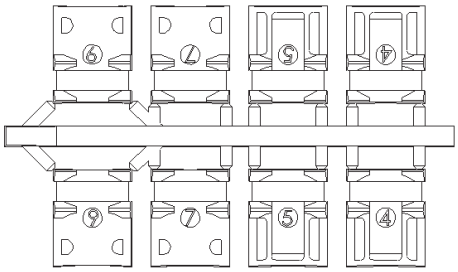
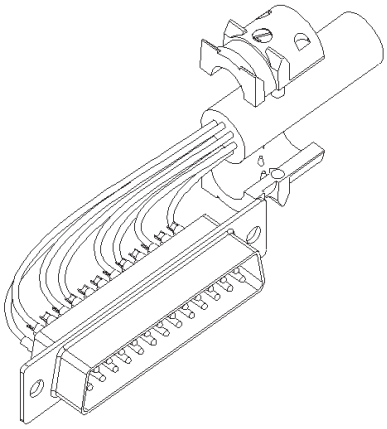
Assembly instruction DSPK-SL Series

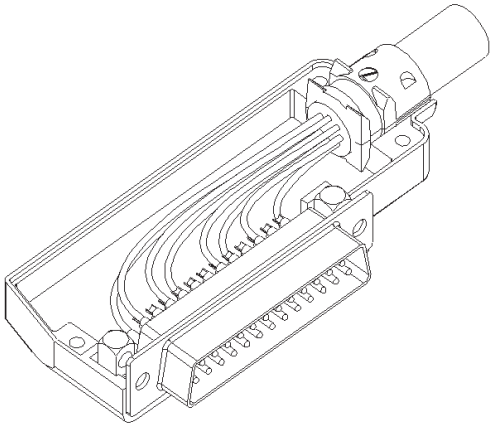
Use two halves of strain relief and attach the strain relief around the outer jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



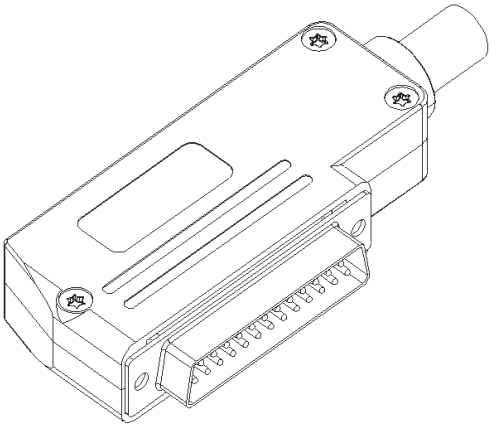
Attach the strain relief around the outer jacket.



Mount connector and cable into the back shell.



Assemble bottom half and top half with the three assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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OSSI CONNECTORS

SERIES	DTZK	DVZK	DTPMK	DVPMK	DTZK-CZA	DTZK-CZAK
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15/25/37	9/15/25/37	9/15/25/37/50	9/15/25/37/50
STANDARD MATERIAL	ZINC	ZINC	MET. PLASTIC	MET. PLASTIC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V2	UL94 V2	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	CRIMP FERRULE	CRIMP FERRULE
CABLE OUTLET	180°	45°	180°	45°	180°	180°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	YES	YES
SLIDE LOCK	NO	NO	NO	NO	NO	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

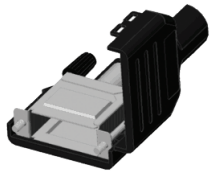
OSSI CONNECTORS

SERIES	DVZK-CZA	DVZK-CZAK	DTNMK	DVNMK	DVZK-SL	DVZK-W
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15/25/37/50	9/15/25/37/50	9/15/25/37	9/15/25/37
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE FERRULE	CABLE FERRULE	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP	SHIELD CLAMP
CABLE OUTLET	45°	45°	180°	45°	45°	45°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

OSSI CONNECTORS

SERIES	DMTZK	DMTZK-SL	DMVZK	DMVZK-SL	DSZK	DSZK-SL
SHELL SIZES	9/15	9/15	9/15	9/15	9/15	15/25
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	ZINC	ZINC
CONNECTOR APPLICATIONS						
D-SUB SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
D-SUB FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	NO	NO
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	CABLE CLAMP	CABLE CLAMP	CABLE CLAMP	CABLE CLAMP	SHIELD CLAMP	SHIELD CLAMP
CABLE OUTLET	180°	180°	45°	45°	90°	90°
CABLE BOOT	YES	YES	YES	YES	NO	NO
LOCKING DEVICES						
LONG JACK SCREWS	YES	NO	YES	NO	YES	NO
SLIDE LOCK	NO	YES	NO	YES	NO	YES
SHORT LOCKING SCREWS	YES	NO	YES	NO	NO	NO

OSSI CONNECTORS

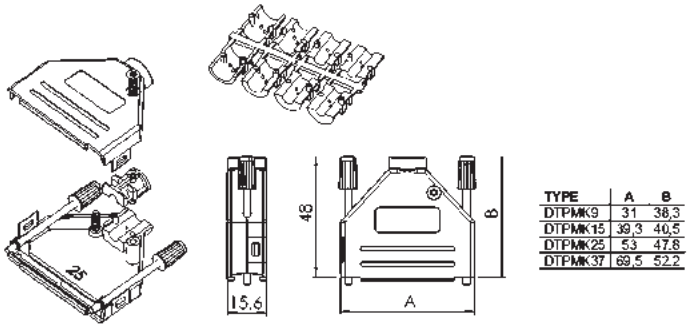


SERIES	DTZK-JSS	DVZK-JSS	DSZK-CZA	DSVZK	DSK-SL	DTK
SHELL SIZES	9/15/25/37/50	9/15/25/37/50	9/15	15	9/15/25/37*	9/15/25/37*
STANDARD MATERIAL	ZINC	ZINC	ZINC	ZINC	POLYCARBONATE	PA 9/15/37 PC 25
CONNECTOR APPLICATIONS						
SUB-D SOLDER CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D CRIMP CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D MIXED LAYOUT CONNECTOR	YES	YES	YES	YES	YES	YES
SUB-D FLAT CABLE IDC CONNECTOR	NO	NO	NO	NO	YES	YES
CABLE APPLICATIONS						
ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT ROUND CABLE	YES	YES	YES	YES	YES	YES
FLAT CABLE	NO	NO	NO	NO	NO	NO
FEATURES						
UL COMPLIANCE	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 V0	UL94 VO / UL94 V2
ROHS	YES	YES	YES	YES	YES	YES
REACH	YES	YES	YES	YES	YES	YES
PFOA / PFOB FREE	YES	YES	YES	YES	YES	YES
HALOGEN FREE	YES	YES	YES	YES	YES	YES
TERMINATION	SHIELD CLAMP	SHIELD CLAMP	CRIMP FERRULE	SHIELD CLAMP	CRIMP FERRULE	CRIMP FERRULE
CABLE OUTLET	180°	45°	90°	90°/45°	90°	180°
CABLE BOOT	NO	NO	NO	NO	NO	NO
LOCKING DEVICES						
LONG JACKSCREWS	YES	YES	YES	YES	NO	YES
SLIDE LOCK	NO	NO	NO	NO	YES	NO
SHORT LOCKING SCREWS	NO	NO	NO	NO	NO	NO

Shielded D-Sub Backshells DTPMK Series

TECHNICAL SPECIFICATIONS

Material:	ABS Plastic, Ni-plated
Temp. range:	-40˚C - 110˚C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DTPMK9	31	38,3
DTPMK15	39,3	40,5
DTPMK25	53	47,8
DTPMK37	69,5	52,2

PART NUMBERING SYSTEM

DTPMK25 - - RED - K

Series:
DTPMK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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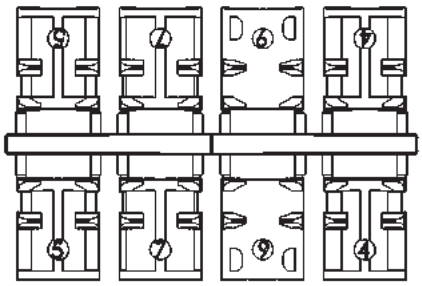
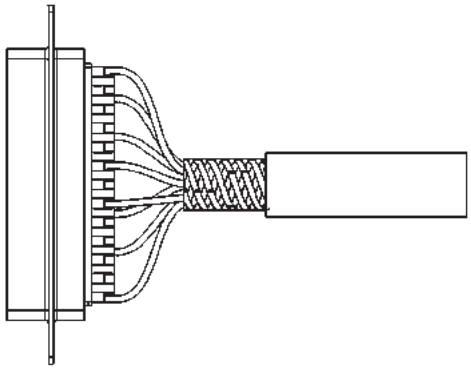
Assembly instruction DTPMK Series

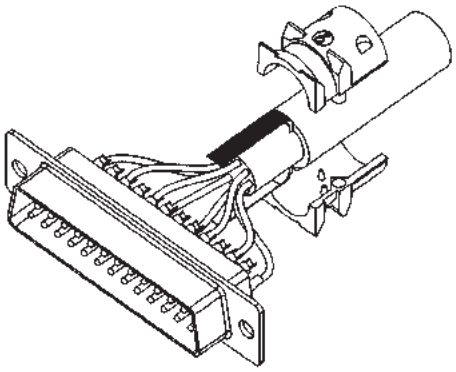
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



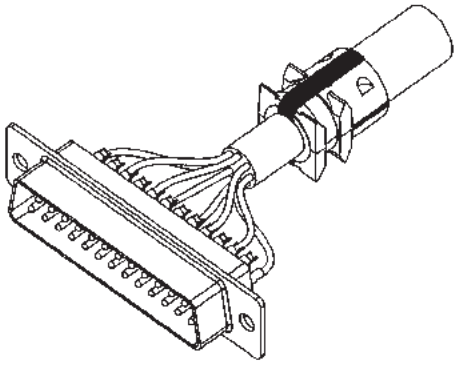
Strip the outer cable jacket 18 mm as illustrated below.



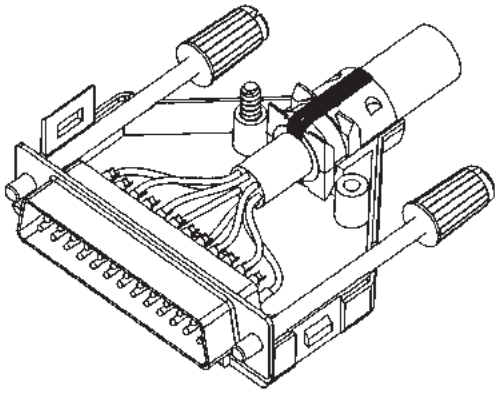
Split and pigtail the braid as illustrated below.



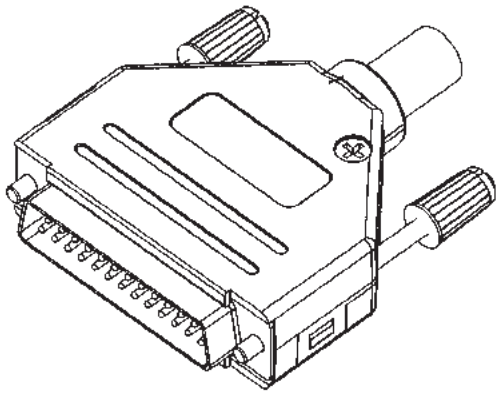
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 40 - 50 Ncm.



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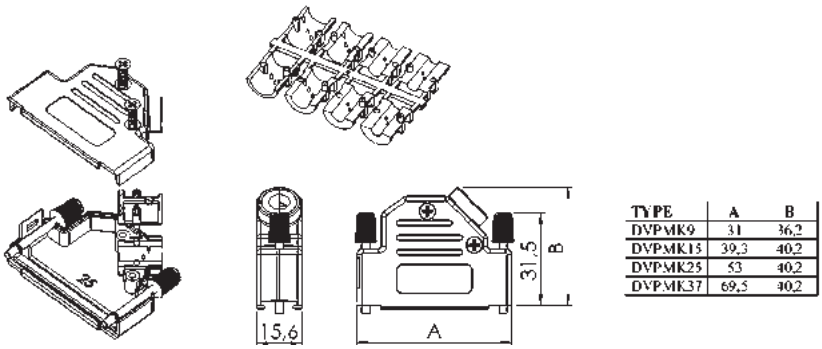
Shielded D-Sub Backshells DVPMK Series

TECHNICAL SPECIFICATIONS

Material:	ABS Plastic, Ni-plated
Temp. range:	-40˚C - 110˚C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DVPMK9	31	36,2
DVPMK15	39,3	40,2
DVPMK25	53	40,2
DVPMK37	69,5	40,2

PART NUMBERING SYSTEM

DVPMK25 - - RED - K

Series:
DVPMK
Size:
9, 15, 25 or 37
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit = Black
Other colours available: beige, blue, brown, green, grey, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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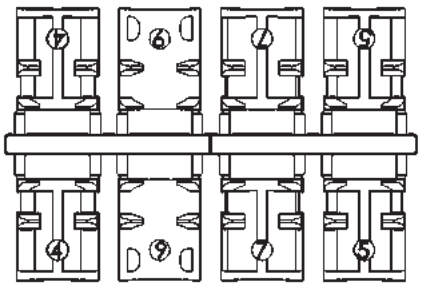
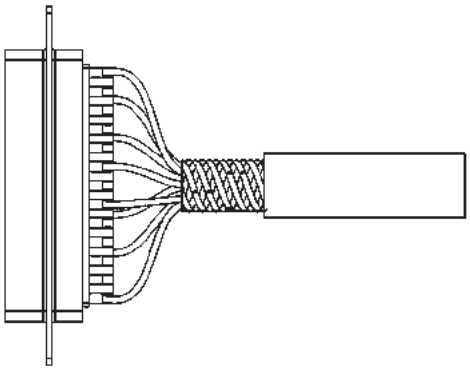
Assembly instruction DVPMK Series

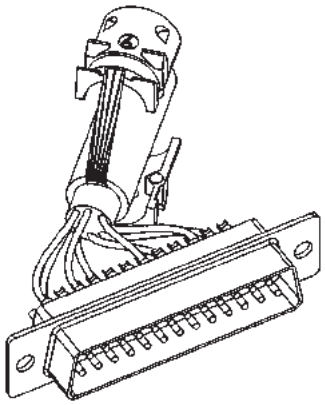
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



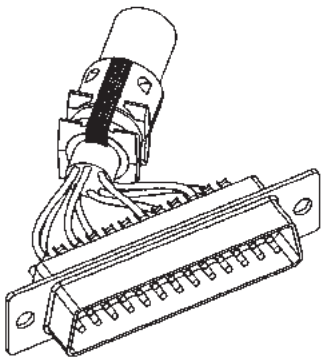
Strip the outer cable jacket 18 mm as illustrated below.



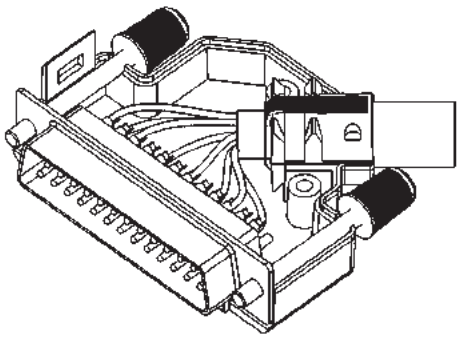
Split and pigtail the braid as illustrated below.



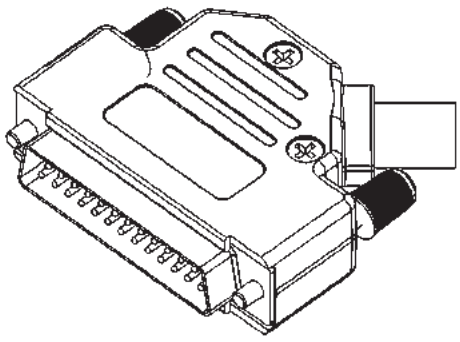
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 40 - 50 Ncm.



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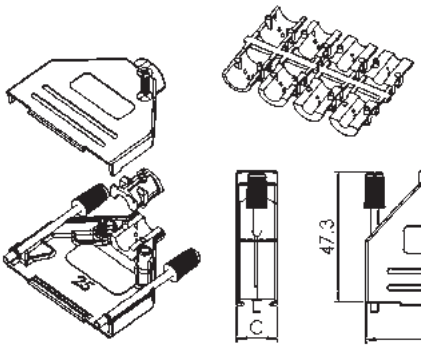
Shielded D-Sub Backshells DTZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DTZK50
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B	C
DTZK9	31	38,3	14,6
DTZK15	39,5	40,5	14,6
DTZK25	53,2	47,3	14,6
DTZK37	70,9	52,2	14,6
DTZK50	67,3	52,1	17,4

PART NUMBERING SYSTEM

DTZK25 - - RED - K

Series:
DTZK
Size:
9, 15, 25, 37 and 50
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Colour (jackscrew):
Omit= Black
Other colours available: beige, blue, brown, green, ivory, red, white and yellow

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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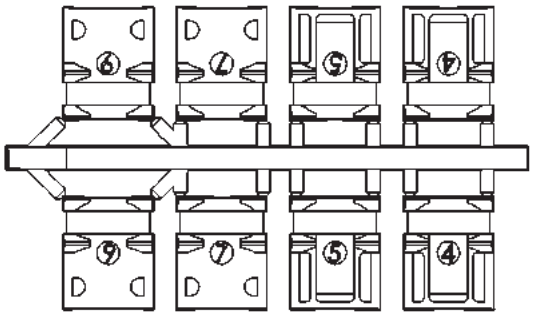
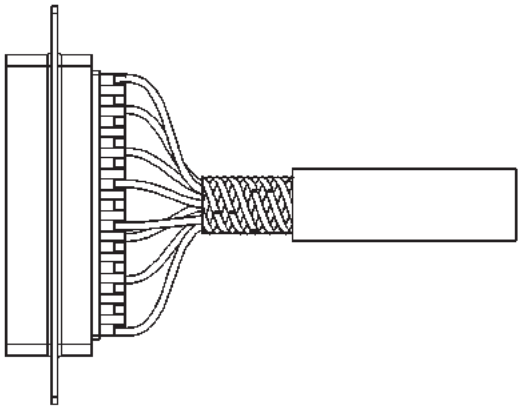
Assembly instruction DTZK Series

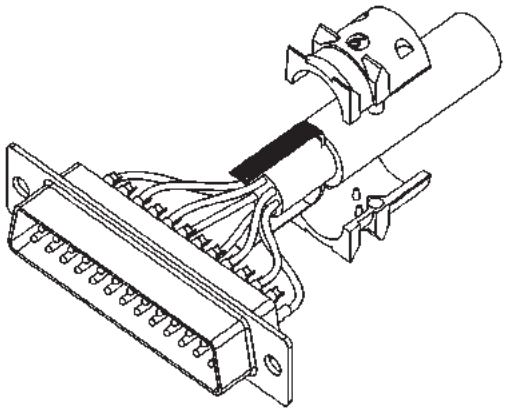
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without strain relief or with just one strain relief half is applicable.



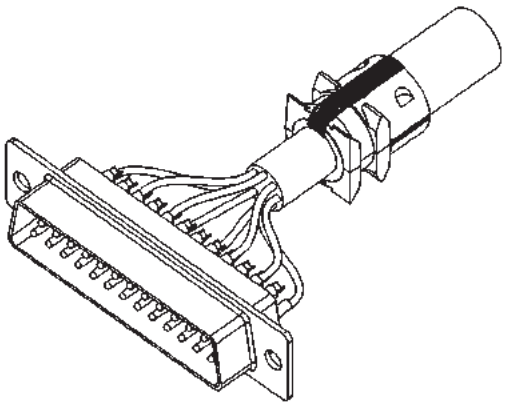
Strip the outer jacket 18 mm as illustrated below.



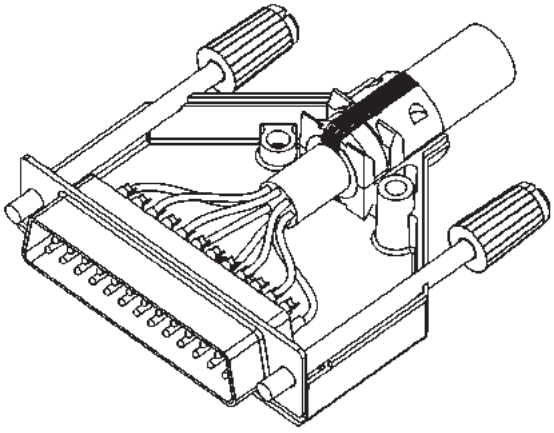
Split and pigtail the braid as illustrated below.



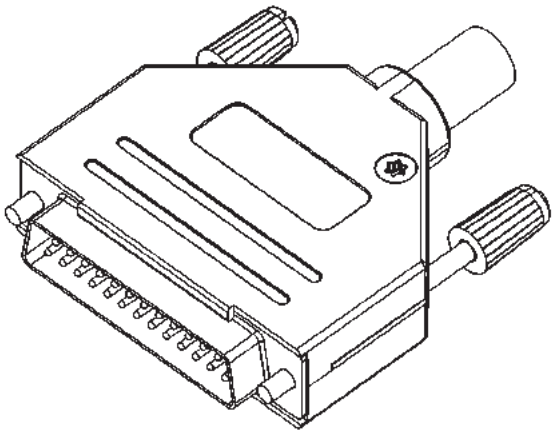
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connectors and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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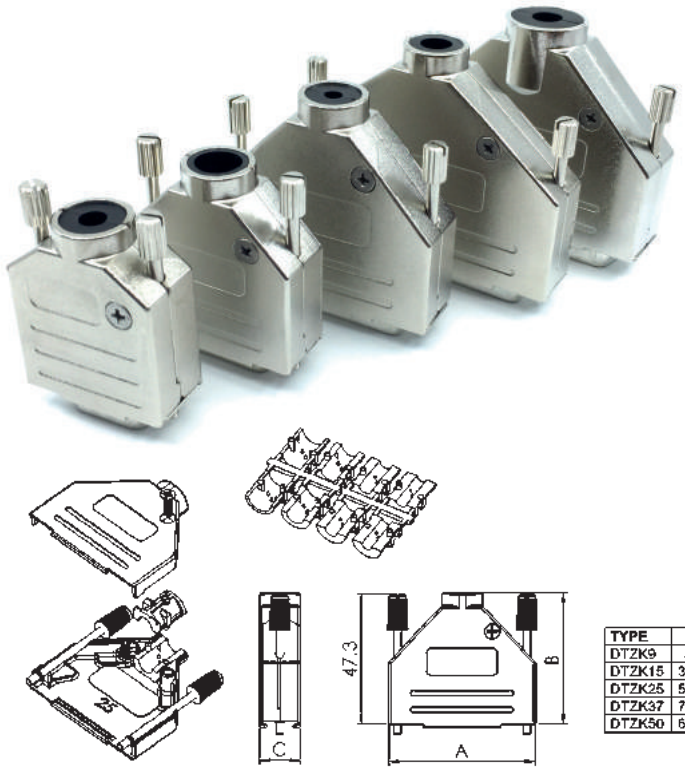
Shielded D-Sub Backshells DTZK-JSS Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	4.0 - 13.0 mm <17.0 mm DTZK50
Locking screws:	Long jackscrews with groove for thread indication
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B	C
DTZK9	31	38,3	14,6
DTZK15	39,5	40,5	14,6
DTZK25	53,2	47,3	14,6
DTZK37	70,9	52,2	14,6
DTZK50	67,3	52,1	17,4

PART NUMBERING SYSTEM

DTZK25 - JSS - M3.0 - K

Series:
DTZK-JSS
Size:
9, 15, 25, 37 and 50
Jackscrew:
Solid metal

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit= UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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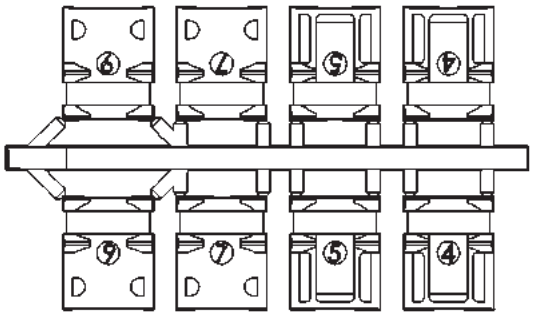
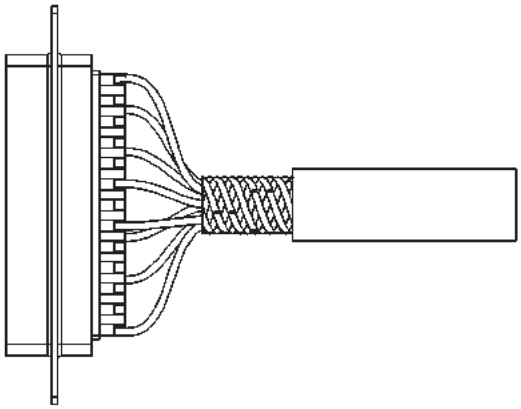
Assembly Instruction DTZK-JSS Series

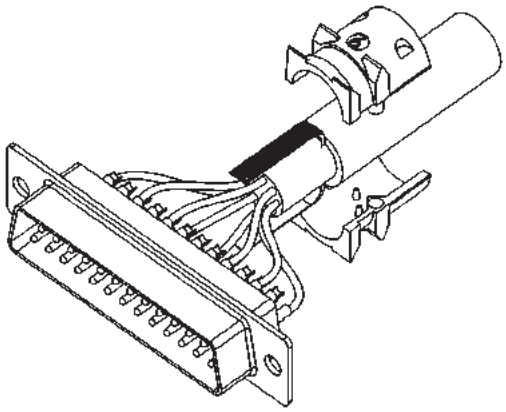
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without strain relief or with just one strain relief half is applicable.



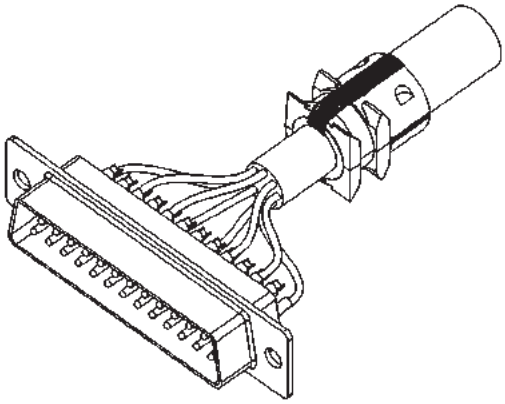
Strip the outer jacket 18 mm as illustrated below.



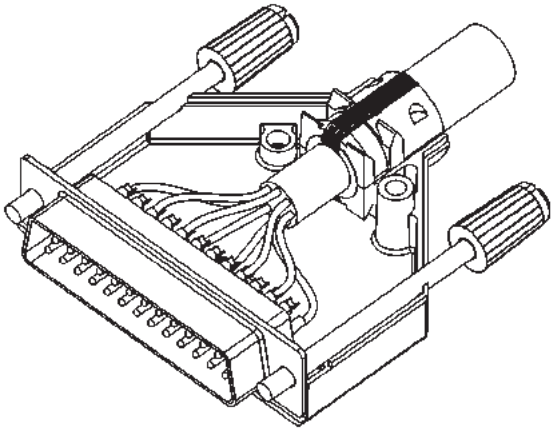
Split and pigtail the braid as illustrated below.



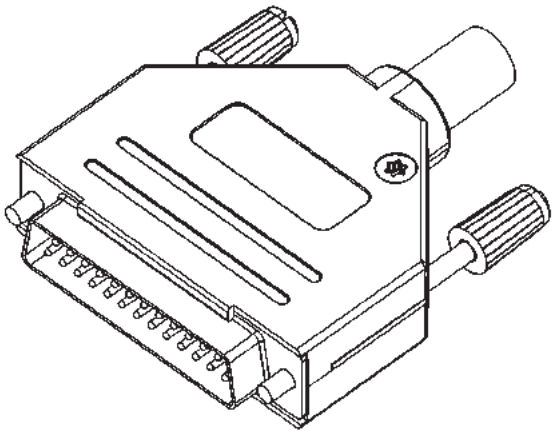
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Plase the assembled connectors and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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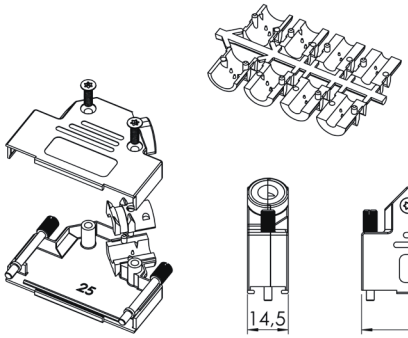
Shielded D-Sub Backshells DVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DVZK50
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DVZK9	31	36,2
DVZK15	39,5	40,2
DVZK25	53,2	40,2
DVZK37	69,7	40,2
DVZK50	67,2	43,7

PART NUMBERING SYSTEM

DVZK15 - - BULK

Series:
DVZK
Size:
9, 15, 25, 37 and 50
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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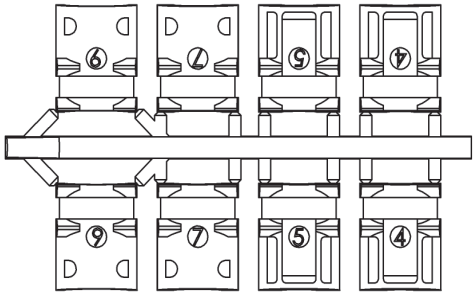
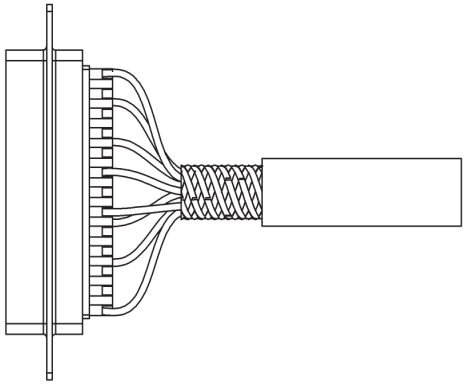
Assembly instruction DVZK Series

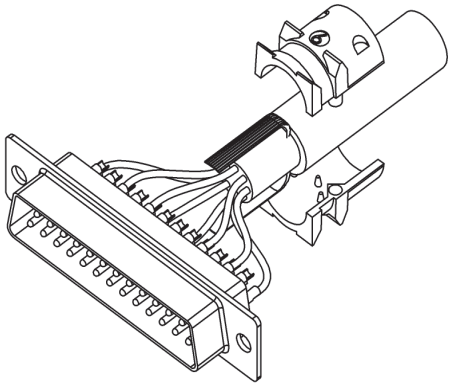
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



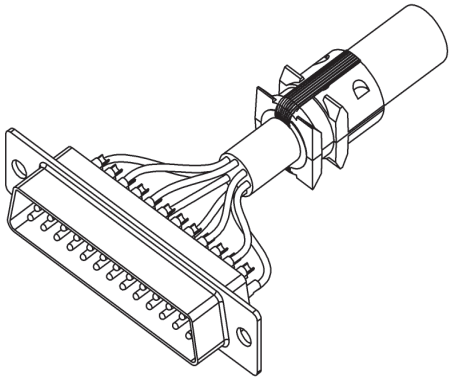
Strip the outer cable jacket 18 mm as illustrated below.



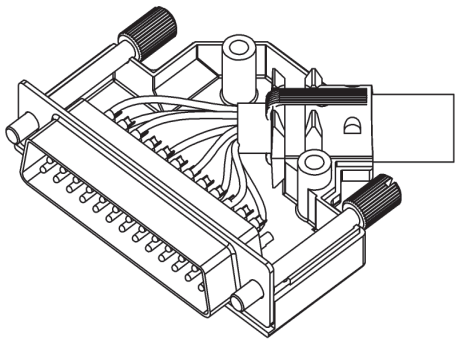
Split and pigtail the braid as illustrated below.



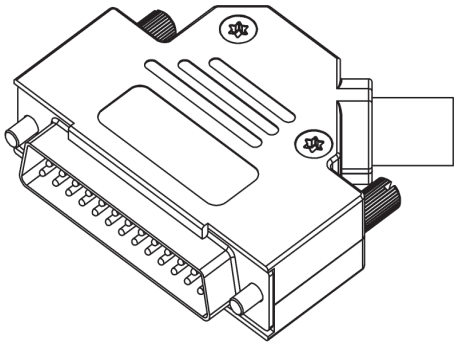
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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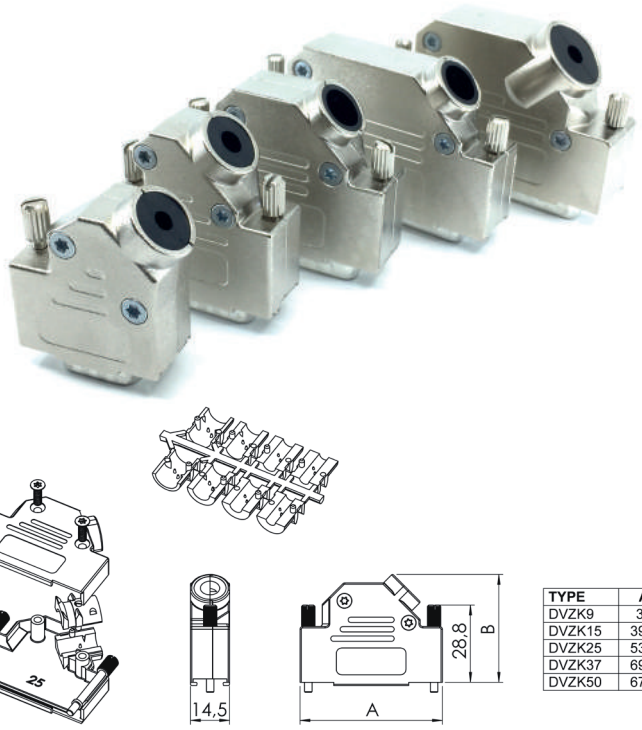
Shielded D-Sub Backshells DVZK-JSS Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	4.0 - 13.0 mm <17.0 mm DVZK50
Locking screws:	Long jackscrews with groove for thread indication
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DVZK9	31	36,2
DVZK15	39,5	40,2
DVZK25	53,2	40,2
DVZK37	69,7	40,2
DVZK50	67,2	43,7

PART NUMBERING SYSTEM

DVZK37 - JSS - M3.0 - K

Series:
DVZK-JSS
Size:
9, 15, 25, 37 and 50
Jackscrew:
Solid metal

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit= UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- No special assembly tools required
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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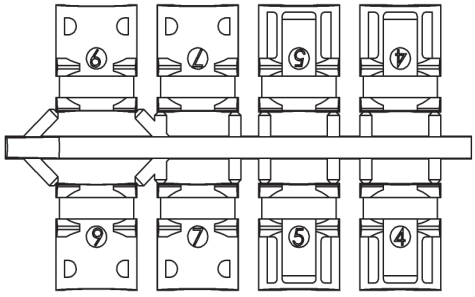
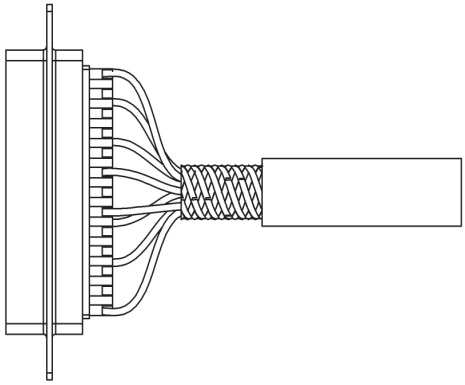
Assembly Instruction DVZK-JSS Series

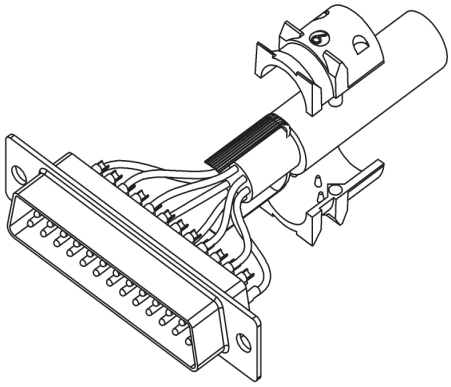
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



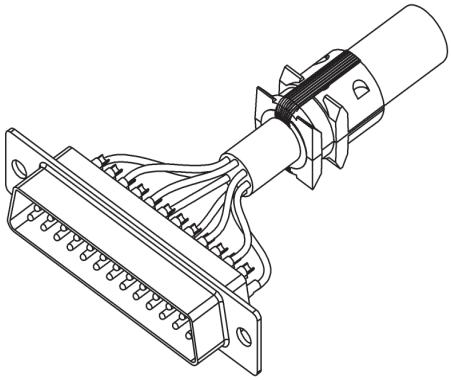
Strip the outer cable jacket 18 mm as illustrated below.



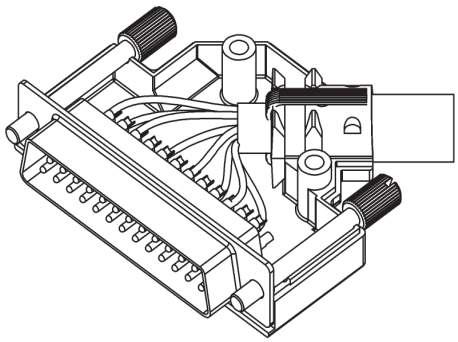
Split and pigtail the braid as illustrated below.



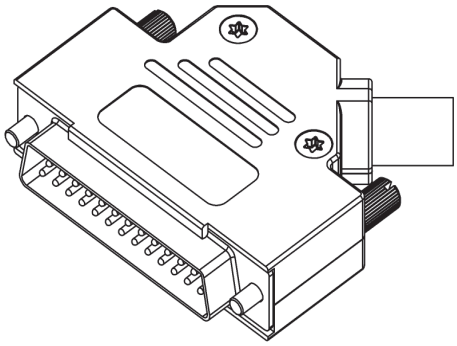
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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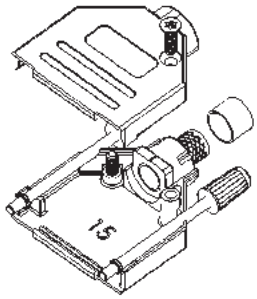
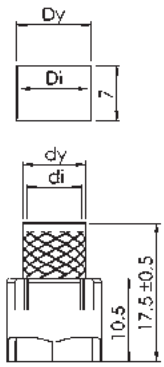
Shielded D-Sub Backshells DTZK-CZA Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule
Cable diameter:	3.0 - 12.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Top
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-D5	6	7	CZA-CF-9	9	10
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5
CZA-7-D5	7	8	CZA-CF-10	10	11
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5
CZA-8-D5	8	9	CZA-CF-11	11	12
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5
CZA-9-D5	9	10	CZA-CF-12	12	13
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15





PART NUMBERING SYSTEM

DTZK25 - CZA3-CF6 - - K

Series:
DTZK-CZA
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure outer cable diameter and diameter of braid to combine cable - and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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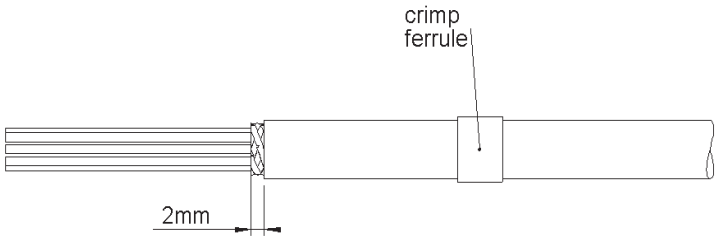
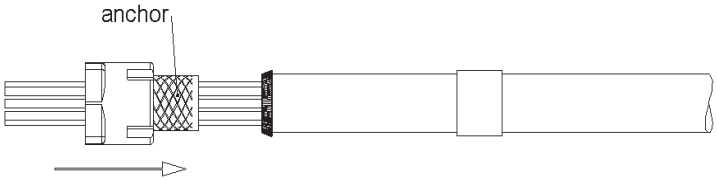
Assembly instruction DTZK-CZA Series

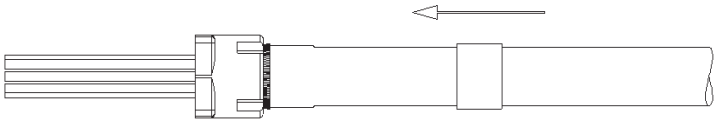
Prepare cable as illustrated below. Slide crimp ferrule over the outer cable jacket.



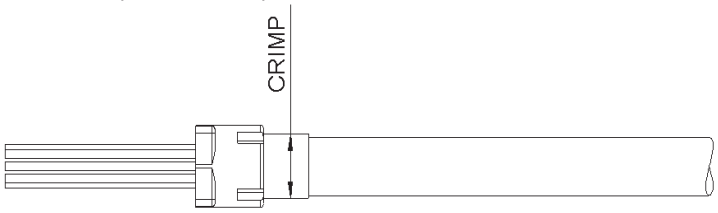
Put wires through and shape cable metal braid around the anchor ferrule.



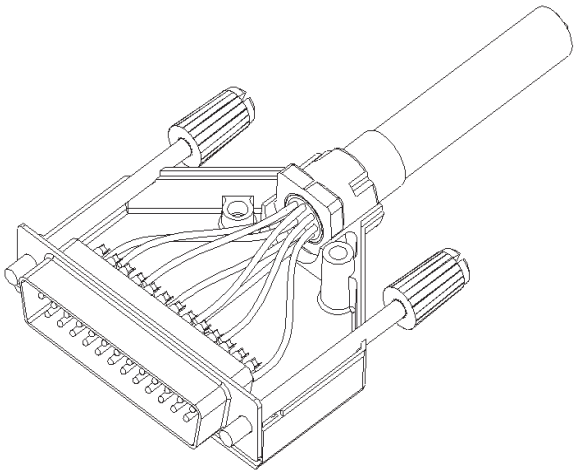
Slide the crimp ferrule into position over outer cable jacket alligned with the anchor ferrule.



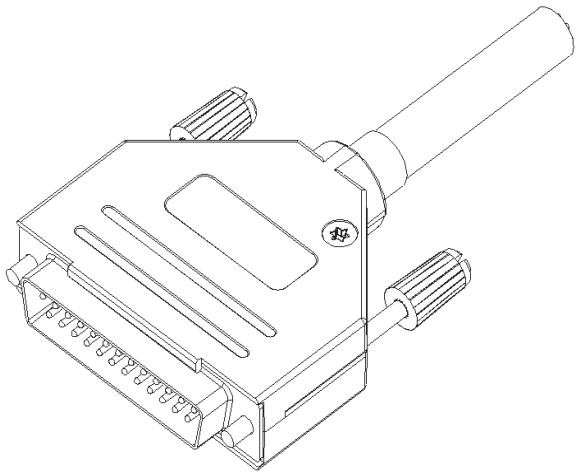
Crimp over the crimp ferrule and mount the D-Sub connector.



Place the assembled connector and crimped cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws.
Maximum mounting torque is 100 - 120 Ncm.



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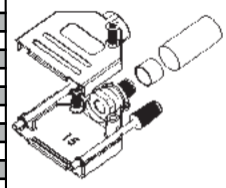
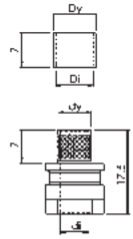
Shielded D-Sub Backshells DTZK-CZAK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule and heat shrink sleeve
Cable diameter:	4.0 - 12.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Top
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE			HEAT SHRINK SLEEVE
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)	
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5	CZA-D1-9
CZA-3-D5	3	4	CZA-CF-5	5	6	CZA-D1-9
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5	CZA-D1-9
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7	CZA-D1-9
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5	CZA-D1-9
CZA-4-D5	4	5	CZA-CF-7	7	8	CZA-D1-13
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5	CZA-D1-13
CZA-5-D5	5	6	CZA-CF-8	8	9	CZA-D1-13
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5	CZA-D1-13
CZA-6-D5	6	7	CZA-CF-9	9	10	CZA-D1-13
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5	CZA-D1-13
CZA-7-D5	7	8	CZA-CF-10	10	11	CZA-D1-13
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5	CZA-D1-13
CZA-8-D5	8	9	CZA-CF-11	11	12	CZA-D1-13
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5	CZA-D1-19
CZA-9-D5	9	10	CZA-CF-12	12	13	CZA-D1-19
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5	CZA-D1-19
			CZA-CF-13	13	14	CZA-D1-19
			CZA-CF-13.5	13.5	14.5	CZA-D1-19
			CZA-CF-14	14	15	CZA-D1-19





PART NUMBERING SYSTEM

DTZK25 - CZA4 - CF7 - 9 - - K

Series:
DTZK-CZAK
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure diameter of stripped cable

Crimp ferrule:
Measure cable outer diameter
Heat shrink tube:
9, 13 or 19 mm Ø
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0
Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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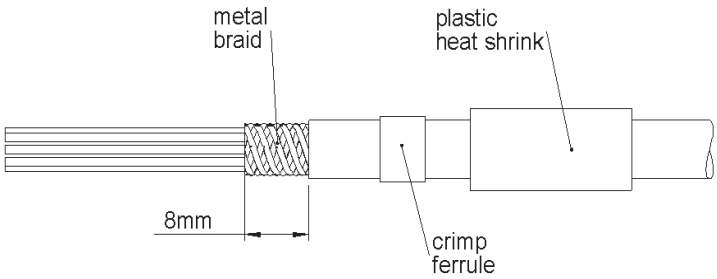
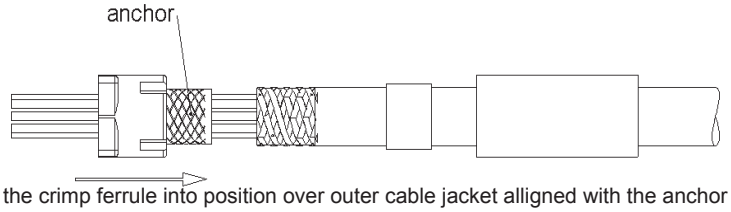
Assembly instruction DTZK-CZAK Series

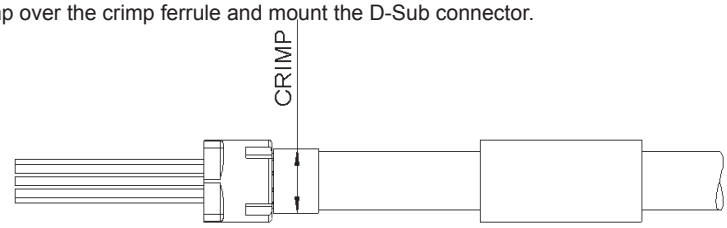
Prepare cable as illustrated below. Slide crimp ferrule and plastic heat shrink tube over the outer cable jacket.



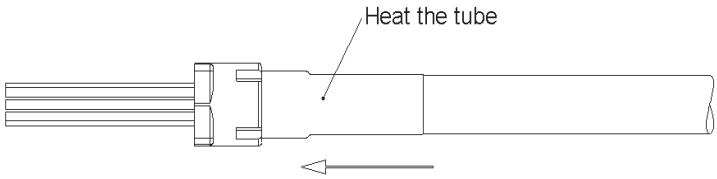
Put wires through and shape cable metal braid around the anchor ferrule.



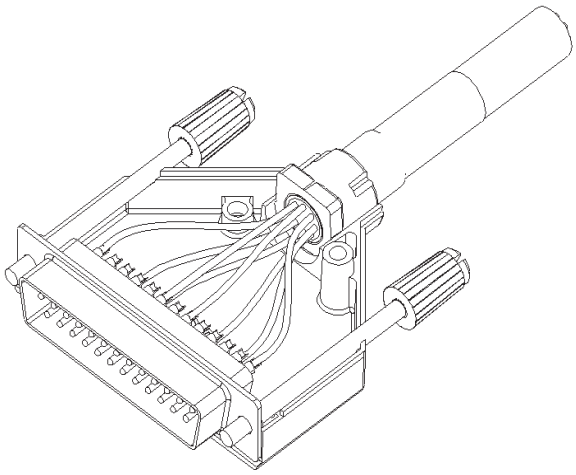
Slide the crimp ferrule into position over outer cable jacket alligned with the anchor ferrule.
Crimp over the crimp ferrule and mount the D-Sub connector.



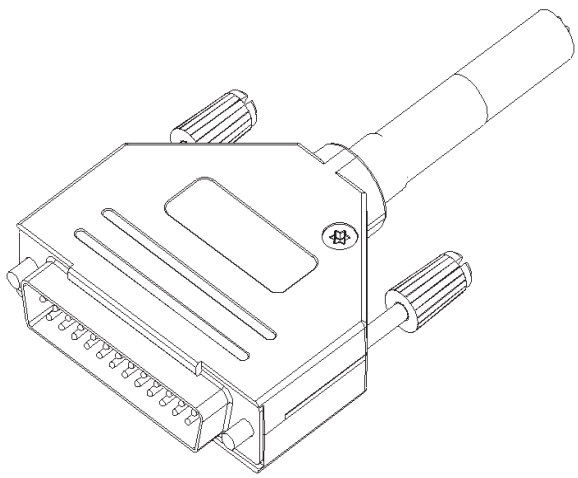
Slide the heat shrink tube over the crimped ferrule and melt the material until securely fastened over the ferrule.



Place the assembled connector and crimped cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws.
Maximum mounting torque is 100 - 120 Ncm.



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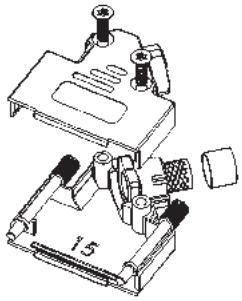
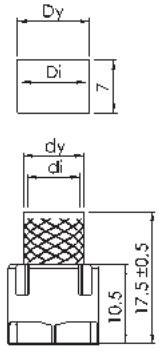
Shielded D-Sub Backshells DVZK-CZA Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule
Cable diameter:	4.0 - 12.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	45°
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-D5	6	7	CZA-CF-9	9	10
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5
CZA-7-D5	7	8	CZA-CF-10	10	11
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5
CZA-8-D5	8	9	CZA-CF-11	11	12
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5
CZA-9-D5	9	10	CZA-CF-12	12	13
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15





PART NUMBERING SYSTEM

DVZK15 - CZA4-CF7 - - K

Series:
DVZK-CZA
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure outer cable diameter and diameter of braid to combine cable - and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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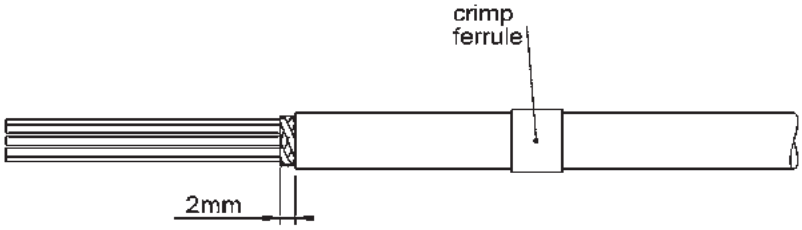
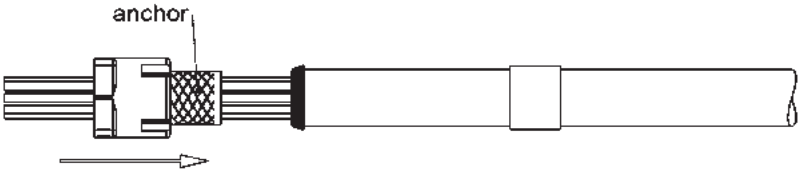
Assembly instruction DVZK-CZA Series

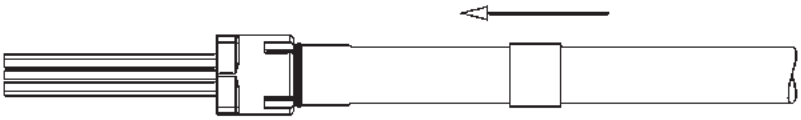
Prepare cable as illustrated below. Slide crimp ferrule over the outer cable jacket.



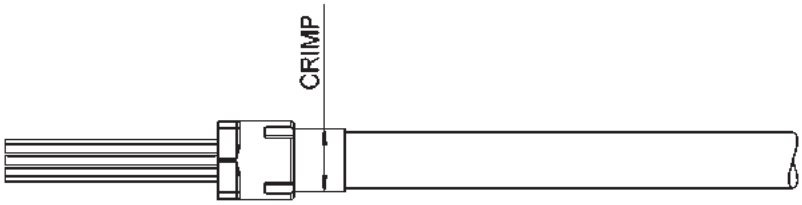
Put wires through and shape cable metal braid around the anchor ferrule.



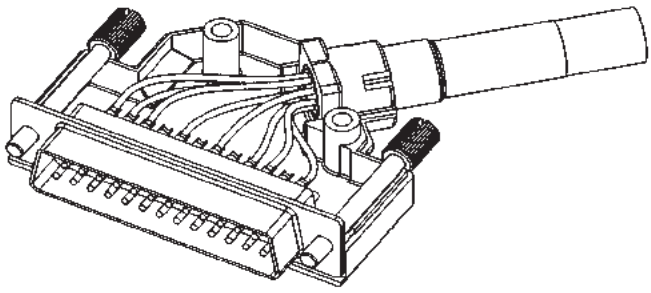
Slide the crimp ferrule into position over the outer cable jacket alligned with the anchor ferrule.



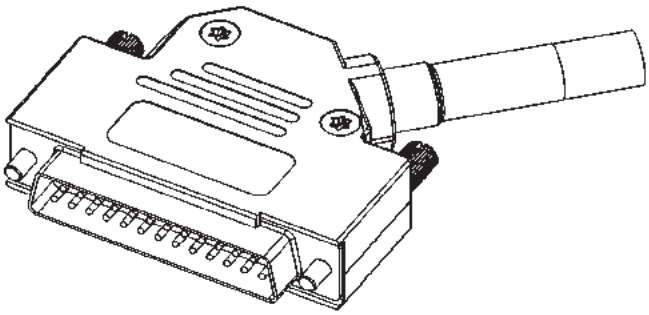
Crimp over the crimp ferrule and mount the D-Sub connector.



Place the assembled connector and crimped cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws.
Maximum mounting torque is 100 - 120 Ncm.



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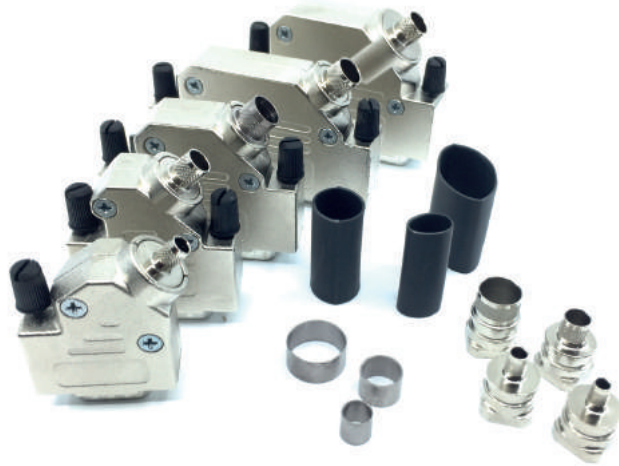
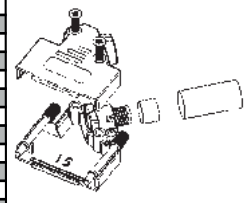
Shielded D-Sub Backshells DVZK-CZAK Series

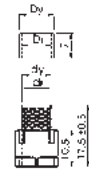
TECHNICAL SPECIFICATIONS



Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule and heat shrink sleeve
Cable diameter:	4.0 - 12.0 mm
Locking screws:	Long jackscrews with moulded top for colour coding
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

CABLE FERRULE			CRIMP FERRULE			HEAT SHRINK SLEEVE
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)	
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5	CZA-D1-9
CZA-3-D5	3	4	CZA-CF-5	5	6	CZA-D1-9
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5	CZA-D1-9
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7	CZA-D1-9
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5	CZA-D1-9
CZA-4-D5	4	5	CZA-CF-7	7	8	CZA-D1-13
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5	CZA-D1-13
CZA-5-D5	5	6	CZA-CF-8	8	9	CZA-D1-13
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5	CZA-D1-13
CZA-6-D5	6	7	CZA-CF-9	9	10	CZA-D1-13
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5	CZA-D1-13
CZA-7-D5	7	8	CZA-CF-10	10	11	CZA-D1-13
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5	CZA-D1-13
CZA-8-D5	8	9	CZA-CF-11	11	12	CZA-D1-13
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5	CZA-D1-19
CZA-9-D5	9	10	CZA-CF-12	12	13	CZA-D1-19
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5	CZA-D1-19
			CZA-CF-13	13	14	CZA-D1-19
			CZA-CF-13.5	13.5	14.5	CZA-D1-19
			CZA-CF-14	14	15	CZA-D1-19





PART NUMBERING SYSTEM

DVZK25 - CZA4 - CF7 - 9 - - K

Series:
DVZK-CZAK
Size:
9, 15, 25, 37 or 50
Cable ferrule:
Measure diameter of stripped cable

Heat shrink tube:
9, 13 or 19 mm Ø
Crimp ferrule:
Measure cable outer diameter

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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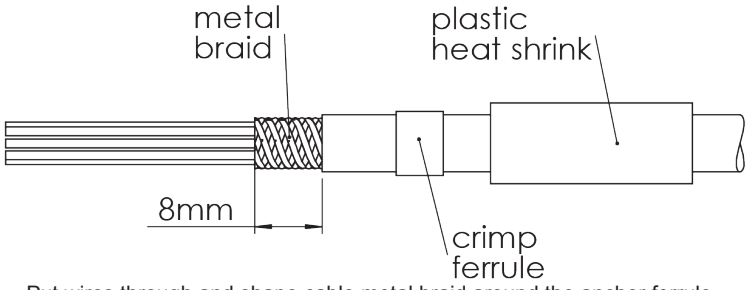
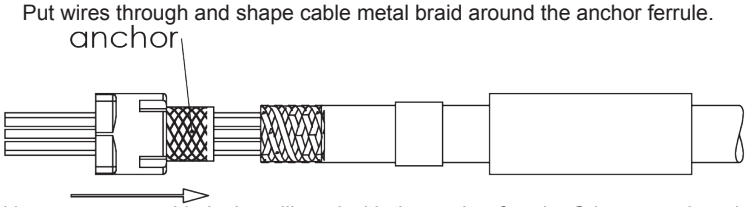
Assembly instruction DVZK-CZAK Series

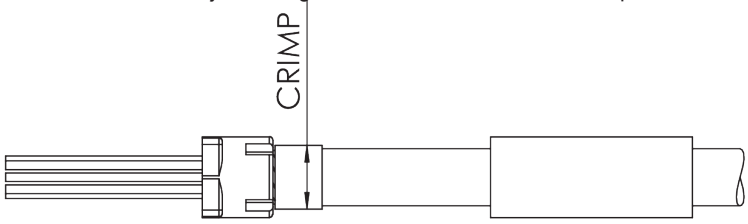
Prepare cable as illustrated below. Slide crimp ferrule and plastic heat shrink tube over the outer cable jacket.



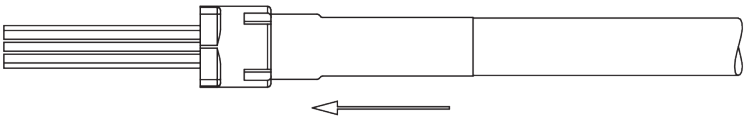
Put wires through and shape cable metal braid around the anchor ferrule.



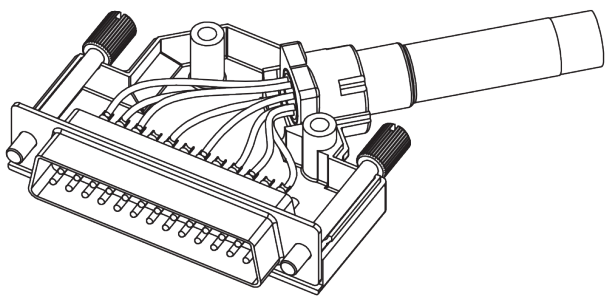
Slide the crimp ferrule into position over outer cable jacket alligned with the anchor ferrule. Crimp over the crimp ferrule and mount the D-Sub connector.



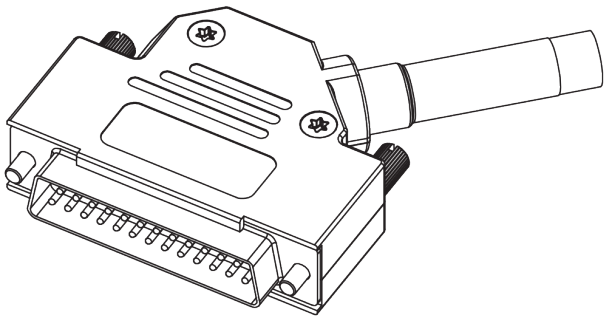
Slide the heat shrink tube over the crimped ferrule and melt the material until securely fastened over the ferrule.



Place the assembled connector and crimped cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws.
Maximum mounting torque is 100 - 120 Ncm.



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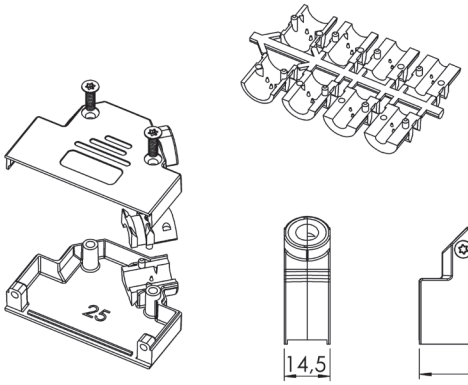
Shielded D-Sub Backshells DVZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DVZK09-SL	31	36,3
DVZK15-SL	39,3	40,4
DVZK25-SL	53	40,4
DVZK37-SL	69,5	40,4

PART NUMBERING SYSTEM

DVZK15 - SL - BULK

Series:
DVZK-SL
Size:
9, 15, 25 and 37

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15, 25 and 37
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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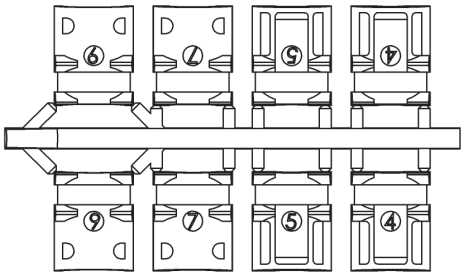
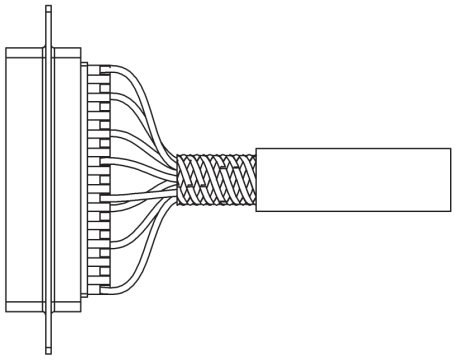
Assembly instruction DVZK-SL Series

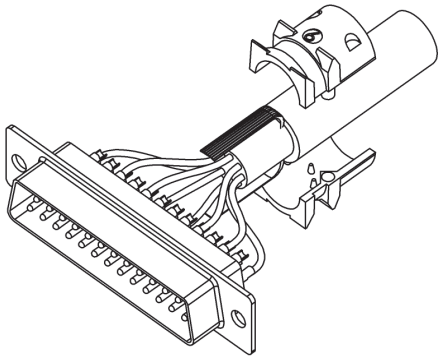
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



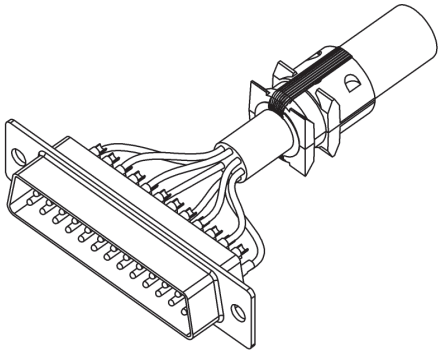
Strip the outer cable jacket 18 mm as illustrated below.



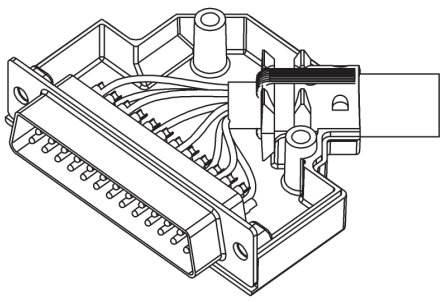
Split and pigtail the braid as illustrated below.



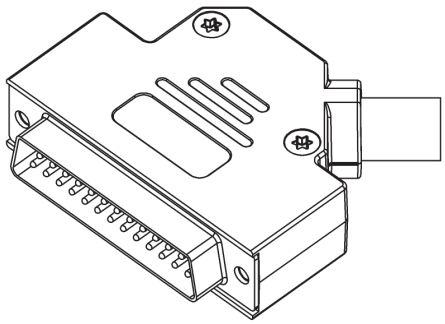
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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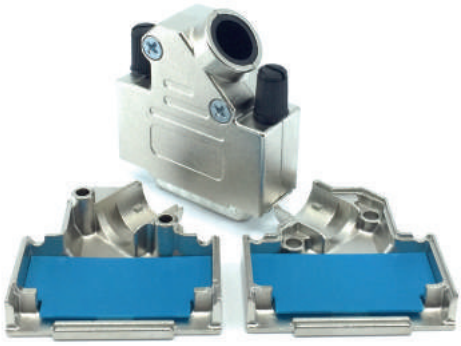
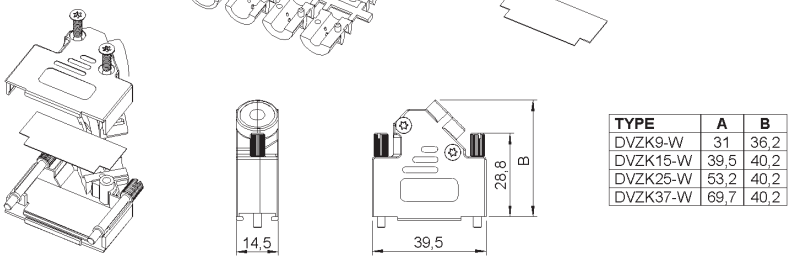
Shielded D-Sub Backshells DVZK-W Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz





TYPE	A	B
DVZK9-W	31	36,2
DVZK15-W	39,5	40,2
DVZK25-W	53,2	40,2
DVZK37-W	69,7	40,2

PART NUMBERING SYSTEM

DVZK15 - W - - BULK

Series:
DVZK-W
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Insulation plates integrated ideal for applications with screw termination connectors
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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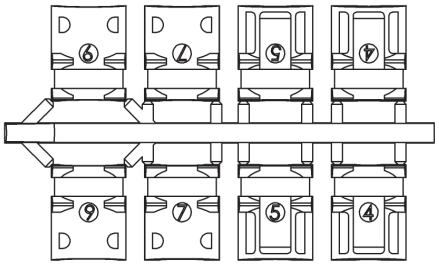
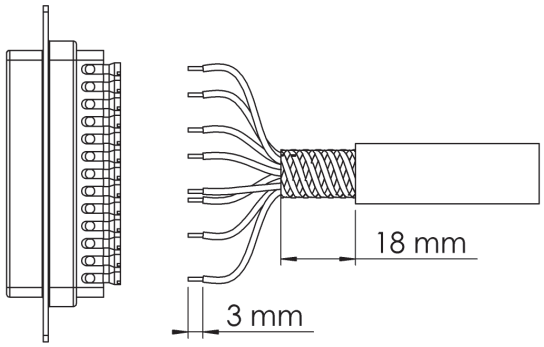
Assembly instruction DVZK-W Series

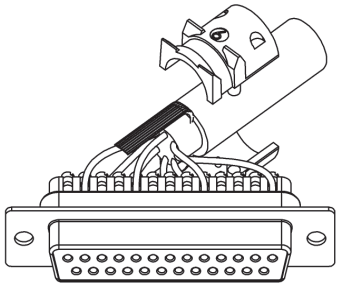
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



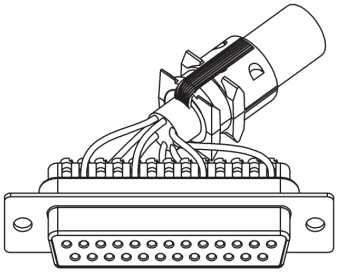
Strip the outer cable jacket 18 mm as illustrated below.



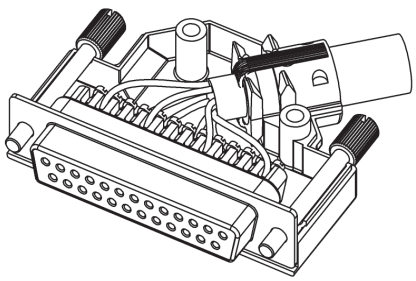
Split and pigtail the braid as illustrated below.



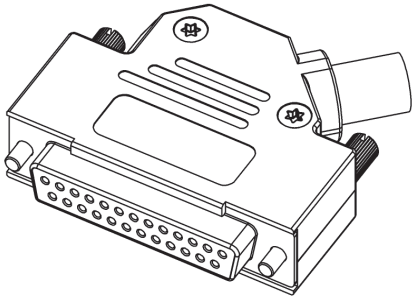
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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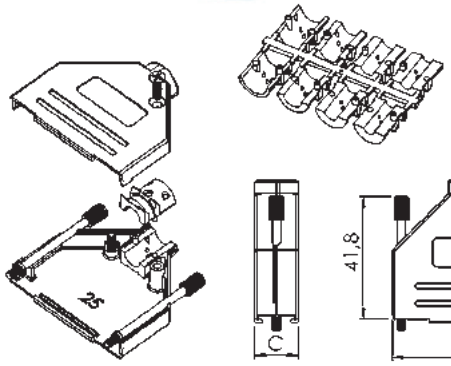
Shielded D-Sub Backshells DTNMK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated non-magnetic
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DTNMK50
Locking screws:	Solid metal jackscrews, non-magnetic
Assembly screws:	Taptite thread forming
Cable outlet:	Straight
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



MR-Safe

TYPE	A	B	C
DTNMK9	31	38,3	14,6
DTNMK15	39,5	40,5	14,6
DTNMK25	53,2	47,3	14,6
DTNMK37	70,9	52,2	14,6
DTNMK50	67,3	52,1	17,4

PART NUMBERING SYSTEM

DTNMK25 - - K

Series:
DTNMK
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Manufactured from non-magnetic materials
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Company logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option

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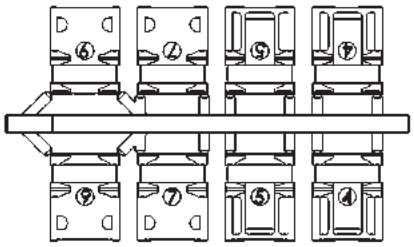
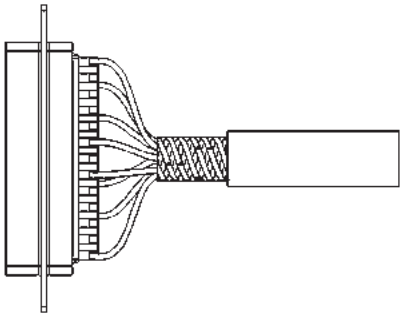
Assembly instruction DTNMK Series

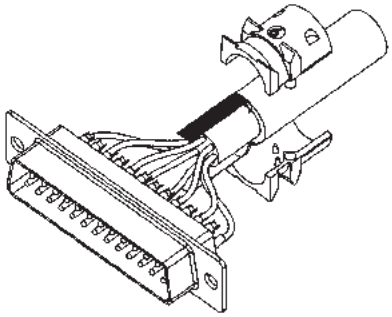
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



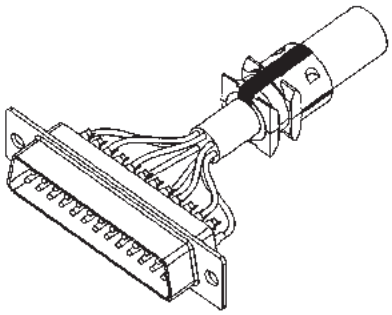
Strip the outer cable jacket 18 mm as illustrated below.



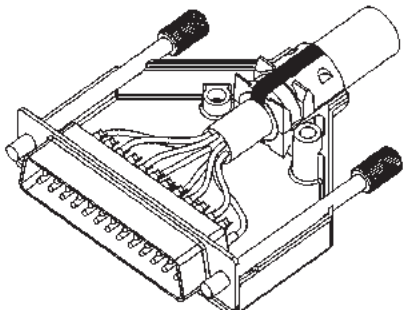
Split and pigtail the braid as illustrated below.



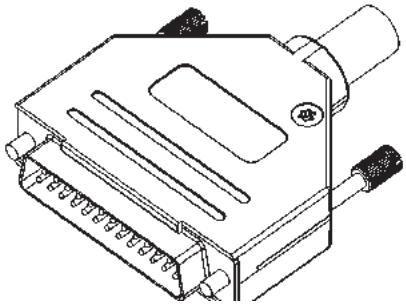
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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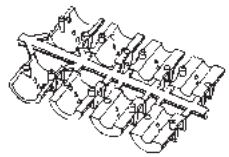
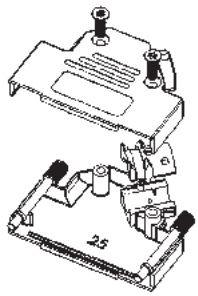
Shielded D-Sub Backshells DVNMK Series

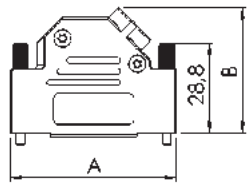
TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated non-magnetic
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm <17.0 mm DVNMK50
Locking screws:	Solid metal jackscrews, non-magnetic
Assembly screws:	Taptite thread forming
Cable outlet:	Angled
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz

MR-Safe







TYPE	A	B
DVNMK9	31	36,2
DVNMK15	39,5	40,2
DVNMK25	53,2	40,2
DVNMK37	69,7	40,2
DVNMK50	67,2	43,7

PART NUMBERING SYSTEM

DVNMK15 - - BULK

Series:
DVNMK
Size:
9, 15, 25, 37 and 50

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jack screw):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9, 15, 25, 37 and 50
- Manufactured from non-magnetic materials
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option

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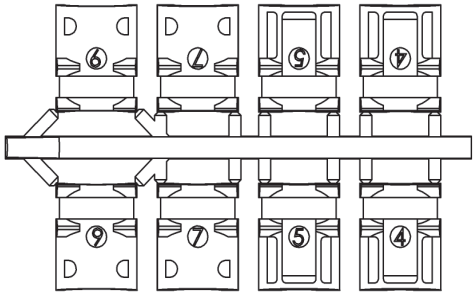
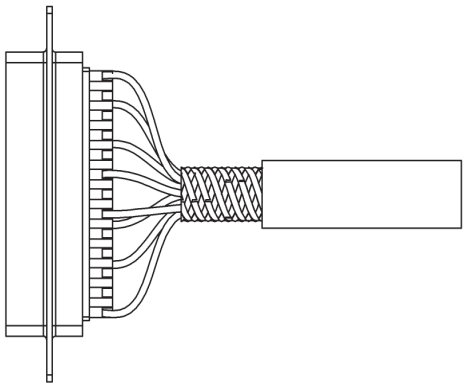
Assembly instruction DVNMK Series

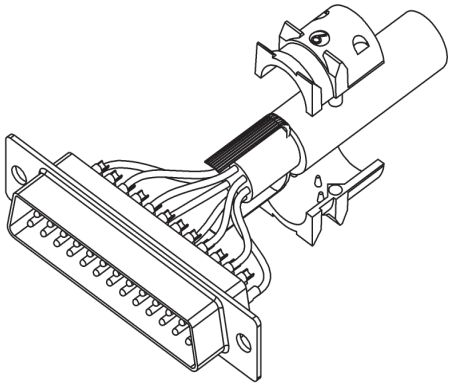
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



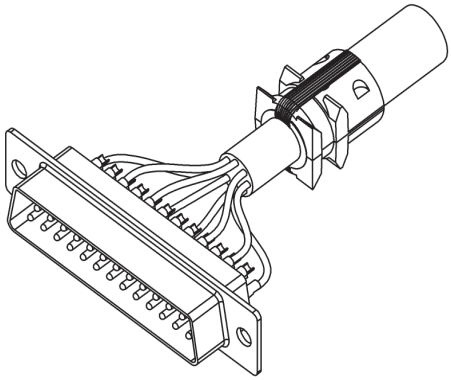
Strip the outer cable jacket 18 mm as illustrated below.



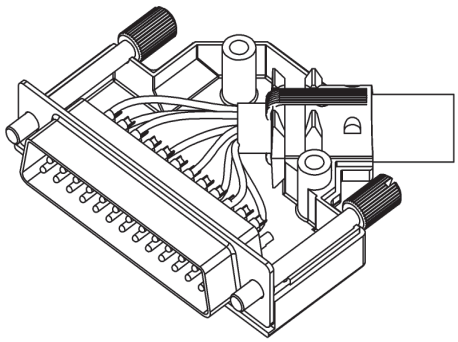
Split and pigtail the braid as illustrated below.



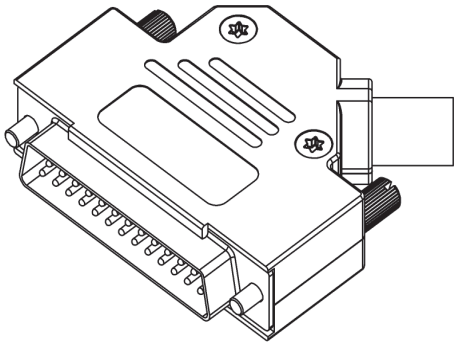
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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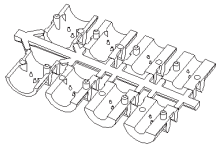
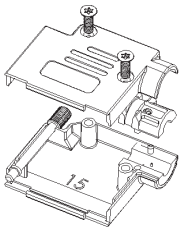
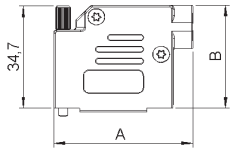
Shielded D-Sub Backshells DSZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz







TYPE	A	B
DSZK9	37,7	35
DSZK15	46	35

PART NUMBERING SYSTEM

DSZK15 - M3.0 - BULK

Series:
DSZK
Size:
9 and 15
Thread (jackscrew):
Omit = UNC 4-40
M2.5
M2.6
M3.0

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9 and 15
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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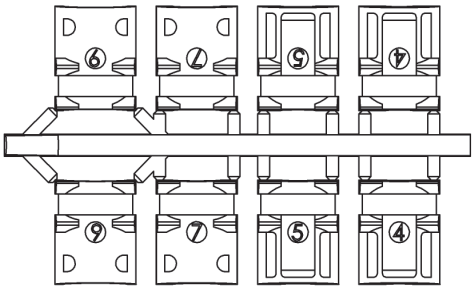
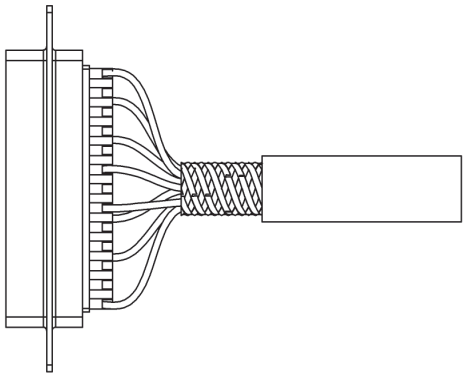
Assembly instruction DSZK Series

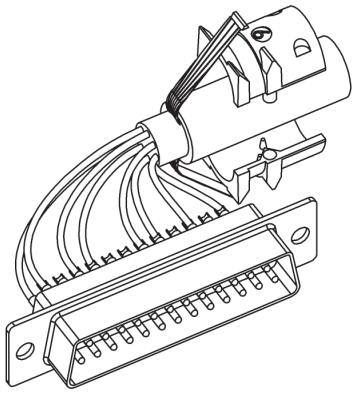
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



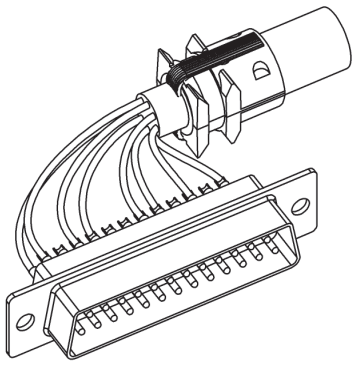
Strip the outer cable jacket 18 mm as illustrated below.



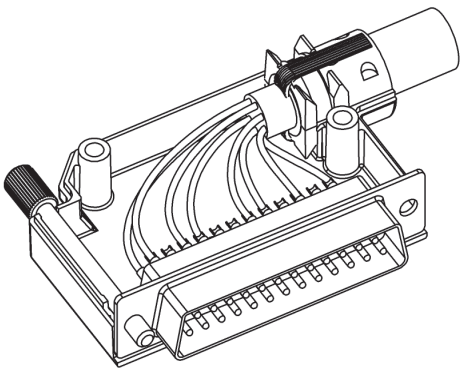
Split and pigtail the braid as illustrated below.



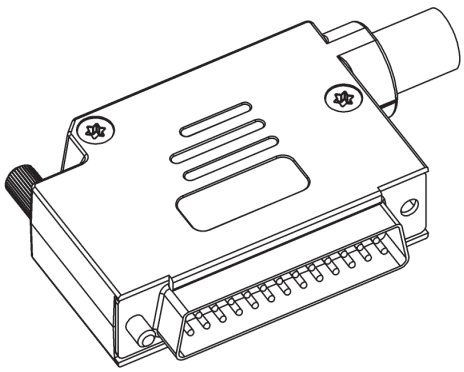
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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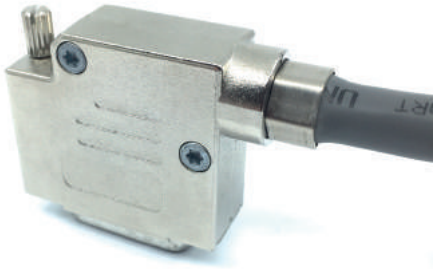
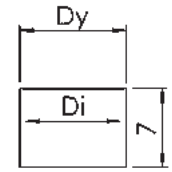
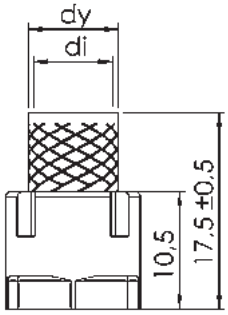
Shielded D-Sub Backshells DSZK-CZA Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Outer crimp ferrule with separate inner cable ferrule
Cable diameter:	3.0 - 12.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	90°
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz







CABLE FERRULE			CRIMP FERRULE		
Part Number	di (mm)	dy (mm)	Part Number	Di (mm)	Dy (mm)
CZA-2.6-D5	2.6	3.6	CZA-CF-4.5	4.5	5.5
CZA-3-D5	3	4	CZA-CF-5	5	6
CZA-3.25-D5	3.25	4.25	CZA-CF-5.5	5.5	6.5
CZA-3.5-D5	3.5	4.5	CZA-CF-6	6	7
CZA-3.75-D5	3.75	4.75	CZA-CF-6.5	6.5	7.5
CZA-4-D5	4	5	CZA-CF-7	7	8
CZA-4.5-D5	4.5	5.5	CZA-CF-7.5	7.5	8.5
CZA-5-D5	5	6	CZA-CF-8	8	9
CZA-5.5-D5	5.5	6.5	CZA-CF-8.5	8.5	9.5
CZA-6-D5	6	7	CZA-CF-9	9	10
CZA-6.5	6.5	7.5	CZA-CF-9.5	9.5	10.5
CZA-7-D5	7	8	CZA-CF-10	10	11
CZA-7.5-D5	7.5	8.5	CZA-CF-10.5	10.5	11.5
CZA-8-D5	8	9	CZA-CF-11	11	12
CZA-8.5-D5	8.5	9.5	CZA-CF-11.5	11.5	12.5
CZA-9-D5	9	10	CZA-CF-12	12	13
CZA-9.5-D5	9.5	10.0	CZA-CF-12.5	12.5	13.5
			CZA-CF-13	13	14
			CZA-CF-13.5	13.5	14.5
			CZA-CF-14	14	15

PART NUMBERING SYSTEM

DSZK15 - CZA3-CF6 - - K

Series:
DSZK-CZA
Size:
9 and 15-way
Cable ferrule:
Measure outer cable diameter and diameter of braid to combine cable - and crimp ferrule

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Meets VDE 0871, FCC 20780 and 89/336/EEC
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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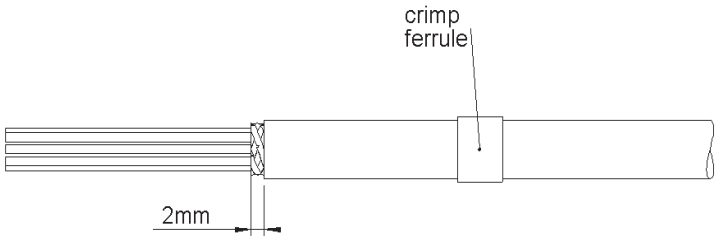
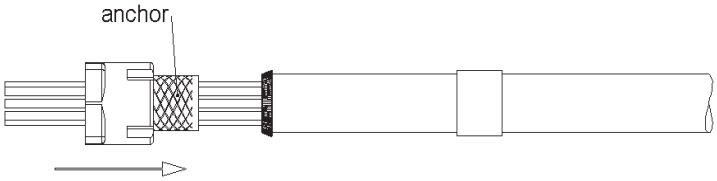
Assembly instruction DSZK-CZA Series

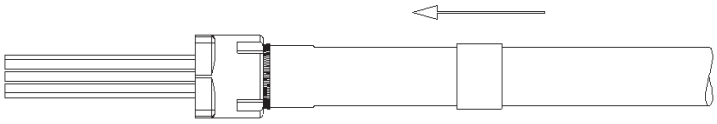
Prepare cable as illustrated below. Slide crimp ferrule over the outer cable jacket.



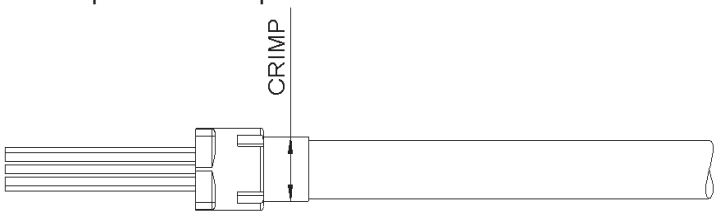
Put wires through and shape cable metal braid around the anchor ferrule.



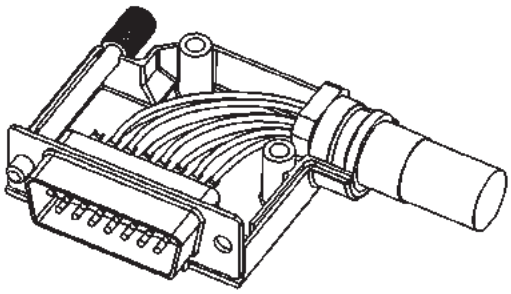
Slide the crimp ferrule into position over outer cable jacket alligned with the anchor ferrule.



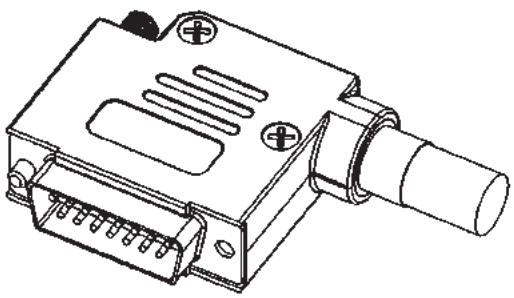
Crimp over the crimp ferrule and mount the D-Sub connector.



Place the assembled connector and crimped cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws.
Maximum mounting torque is 100 - 120 Ncm.



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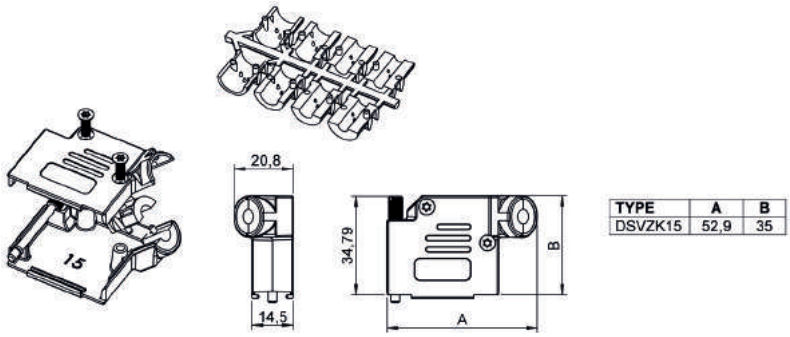
Shielded D-Sub Backshells DSVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Long jackscrews with groove for indication of thread
Assembly screws:	Taptite thread forming
Cable outlet:	Side and 45° angle
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A	B
DSVZK15	52,9	35

PART NUMBERING SYSTEM

DSVZK15 - M2.5 - BULK

Series:
DSVZK
Size:
15

Packaging:
K = Kit package
BULK = Bulk / 100 pcs
Thread:
Omit = UNC 4-40
M2.5
M2.6
M3.0

FEATURES

- Available in size 15
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Long jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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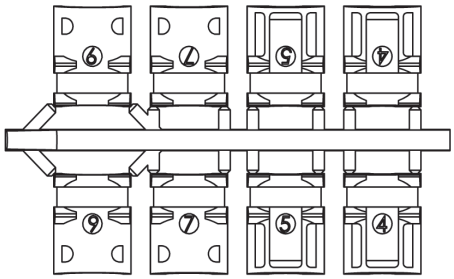
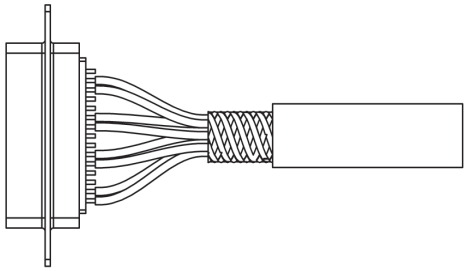
Assembly instruction DSVZK Series

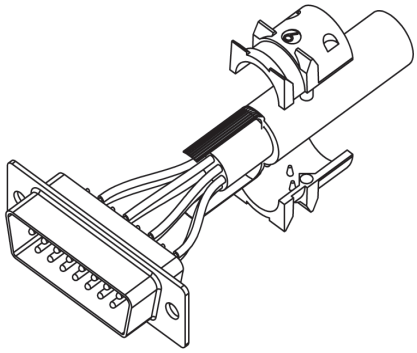
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



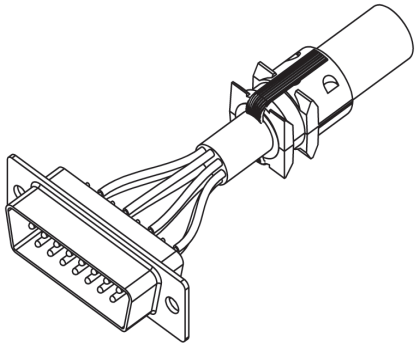
Strip the outer cable jacket 18 mm as illustrated below.



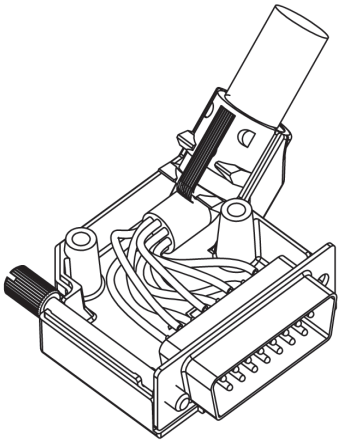
Split and pigtail the braid as illustrated below.



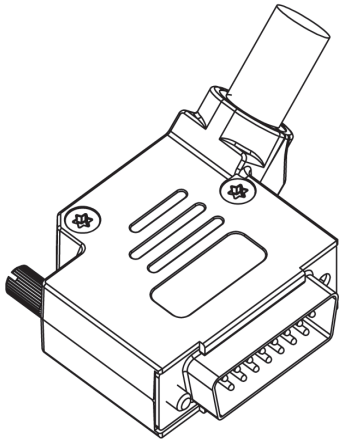
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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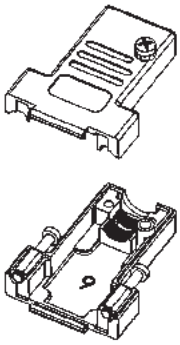
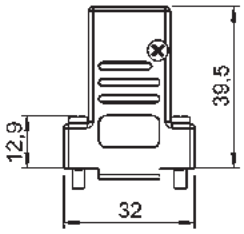
Shielded D-Sub Backshells DMTZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Delivered with pre-mounted jackscrews
Cable outlet:	Straight
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz





PART NUMBERING SYSTEM

DMTZK9 - - K

Series:
DMTZK
Size:
9

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

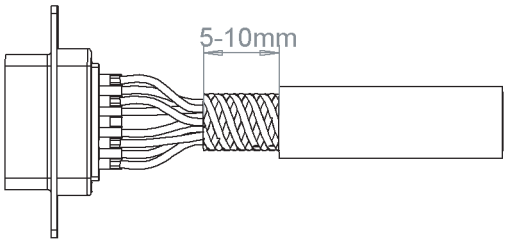
FEATURES

- Available in size 9-way
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Pre-mounted jackscrews with UNC 4-40 thread as standard. M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

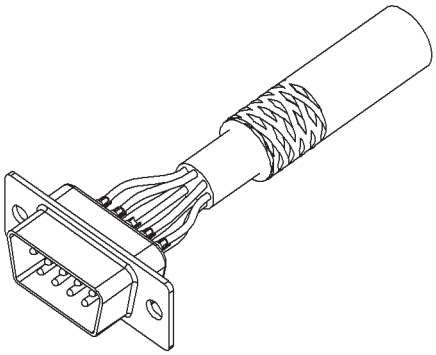
© Ossi Connectors A/S 2019. Technical data subject to change. All dimensions in millimeters.

Assembly instruction DMTZK Series

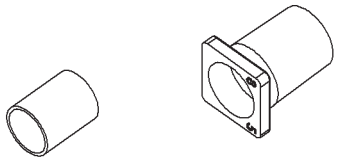
Prepare cable by stripping off the cable shield 5 -10 mm as illustrated below.



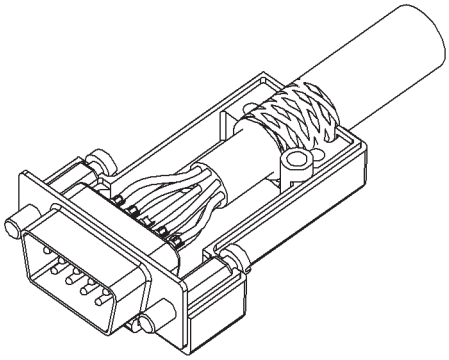
Bend the braided shileding over the outer cable jacket as illustrated below.



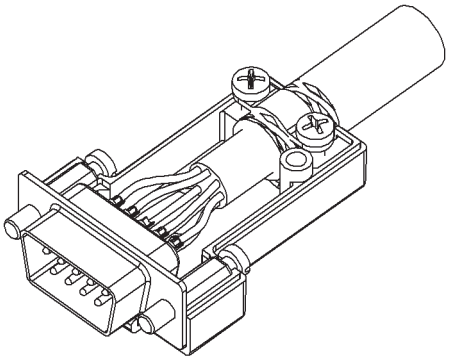
Cable grommet, cable ferrule and cable boot are supplied as accessories.



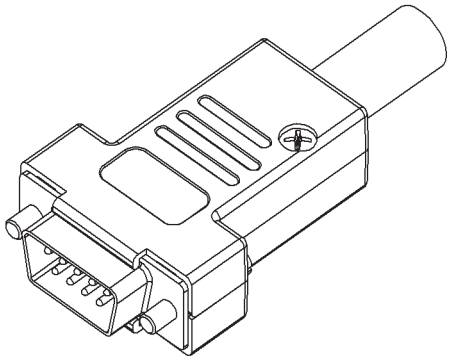
Place the cable and assembled connector inside the bottom back shell half.



Fasten the cable clamp with the two cable clamp screws enclosed the kit.



Mount the top back shell half with the accompanied assembly screw. Maximum mounting torque is 80 - 100 Ncm. Assembly is now completed.



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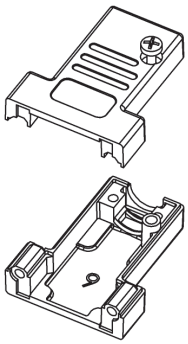
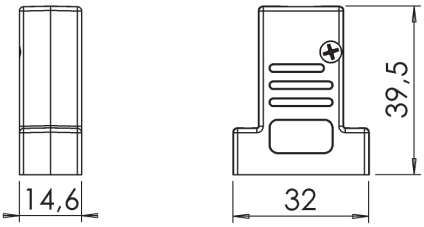
Shielded D-Sub Backshells DMTZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz





PART NUMBERING SYSTEM

DMTZK9 - SL - K

Series:
DMTZK-SL
Size:
9

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in size 9-way
- Minimise interference from electromagnetic and RF sources
- Integrated UNC 4-40 threads for slidelock or panel assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- For custom designed solutions, please consult factory

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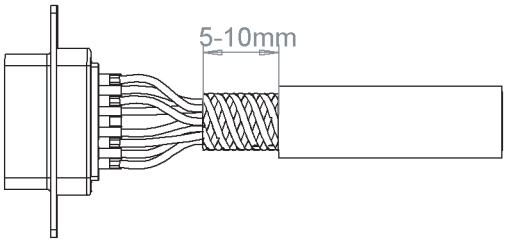
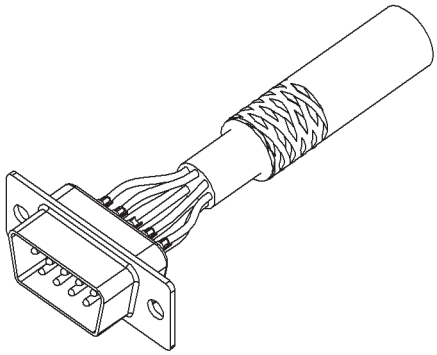
Assembly instruction DMTZK-SL Series

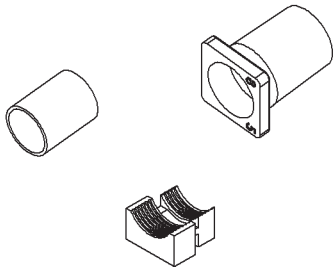
Prepare cable by stripping off the cable shield
5 -10 mm as illustrated below.



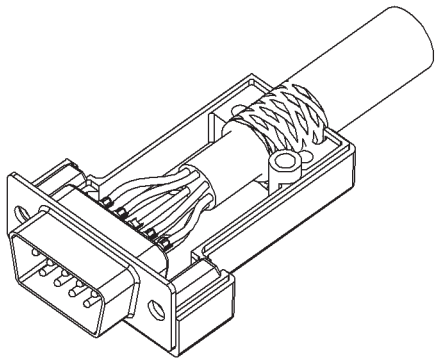
Bend the braided shileding over the
outer cable jacket as illustrated below.



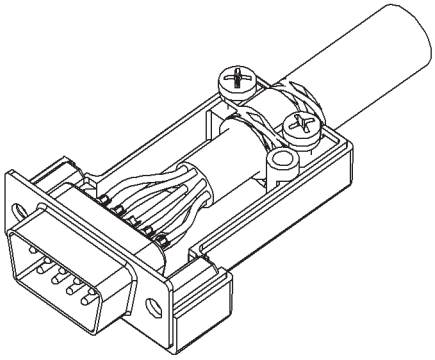
Cable grommet, cable ferrule and
cable boot are supplied as accessories.



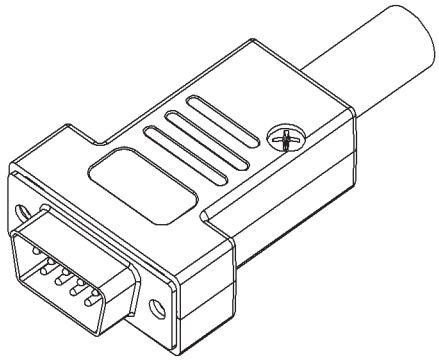
Place the cable and assembled connector
inside the bottom back shell half.



Fasten the cable clamp with the two cable clamp
screws enclosed the kit.



Mount the top back shell half with the accompanied assembly screw.
Maximum mounting torque is 80 - 100 Ncm. Assembly is now completed.



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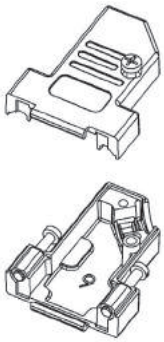
Shielded D-Sub Backshells DMVZK Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Delivered with pre-mounted UNC4-40 jackscrews. M2.5, M2.6 and M3.0 as option
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz



TYPE	A	B
DMVZK9	32	39,5
DMVZK15	40,3	39,5

PART NUMBERING SYSTEM

DMVZK9 - - K

Series:
DMVZK
Size:
9 & 15

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs
Thread (jackscrew):
Omit = UNC4-40
M2.5
M2.6
M3.0

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Pre-mounted jackscrew provide easy assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- Jackscrews with UNC 4-40 thread as standard, M2.5, M2.6 or M3.0 as option
- For custom designed solutions, please consult factory

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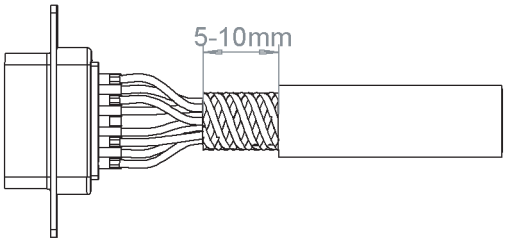
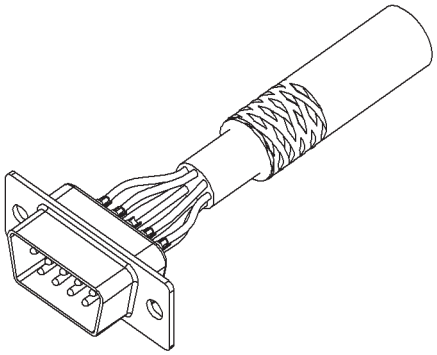
Assembly instruction DMVZK Series

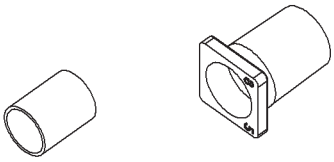
Prepare cable by stripping off the cable shield 5 -10 mm as illustrated below.



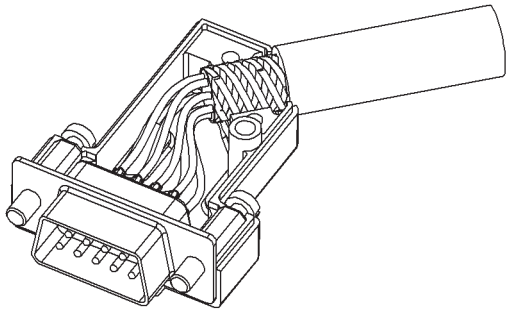
Bend the braided shileding over the outer cable jacket as illustrated below.



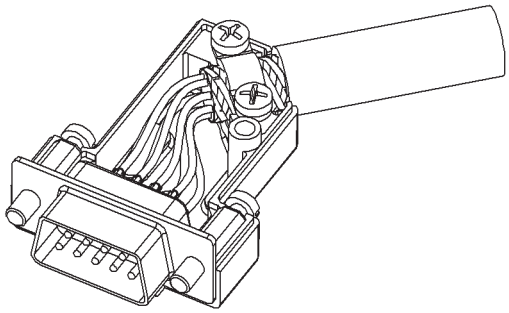
Cable grommet, cable ferrule and cable boot are supplied as accessories.



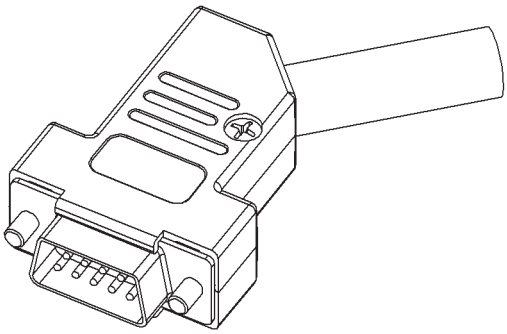
Place the cable and assembled connector inside the bottom back shell half.



Fasten the cable clamp with the two cable clamp screws enclosed the kit.



Mount the top back shell half with the accompanied assembly screw. Maximum mounting torque is 80 - 100 Ncm. Assembly is now completed.



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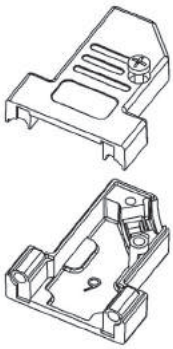
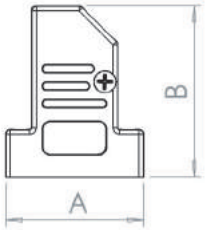
Shielded D-Sub Backshells DMVZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40˚C - 120˚C
Cable strain relief:	Cable clamp with 2 assembly screws
Cable diameter:	4.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Angled
Attenuation factor:	> 60 dB between 300 MHz and 900 MHz





TYPE	A	B
DMVZK9-SL	32	39,5
DMVZK15-SL	40,3	39,5

PART NUMBERING SYSTEM

DMVZK9 - SL - K

Series:
DMVZK-SL
Size:
9 & 15

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9- and 15-way
- Minimise interference from electromagnetic and RF sources
- Integrated UNC 4-40 threads for slidelock or panel assembly
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Company logotype available upon request
- For custom designed solutions, please consult factory

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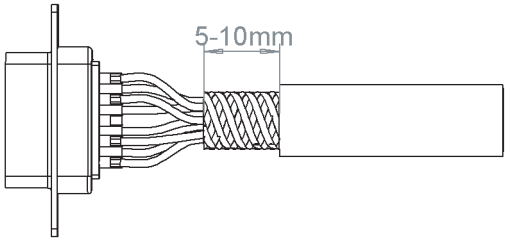
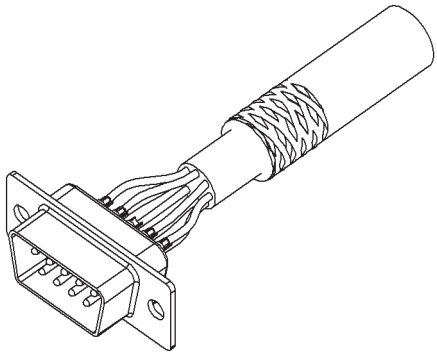
Assembly instruction DMVZK-SL Series

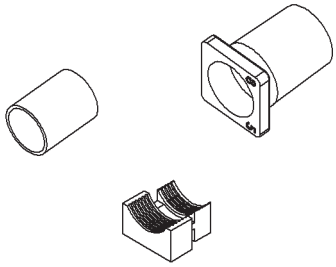
Prepare cable by stripping off the cable shield
5 -10 mm as illustrated below.



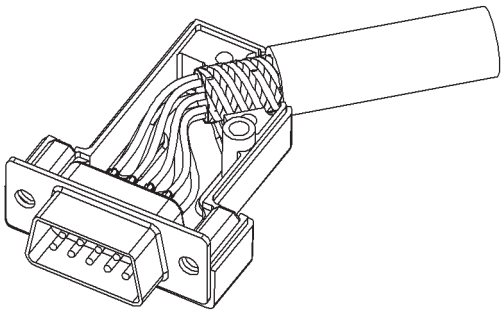
Bend the braided shileding over the
outer cable jacket as illustrated below.



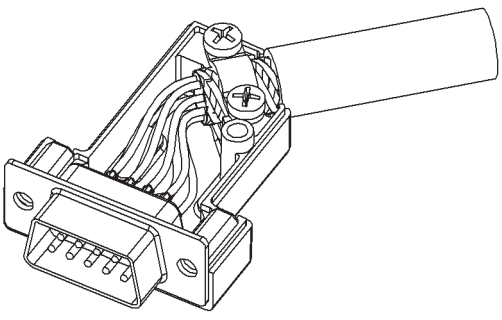
Cable grommet, cable ferrule and
cable boot are supplied as accessories.



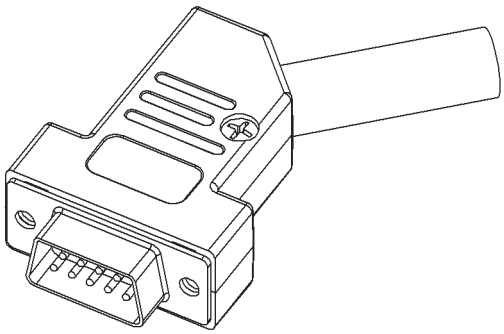
Place the cable and assembled connector
inside the bottom back shell half.



Fasten the cable clamp with the two cable clamp
screws enclosed the kit.



Mount the top back shell half with the accompanied assembly screw.
Maximum mounting torque is 80 - 100 Ncm. Assembly is now completed.



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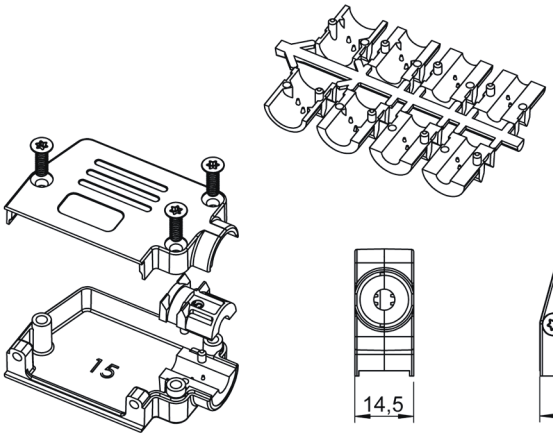
Shielded D-Sub Backshells DSZK-SL Series

TECHNICAL SPECIFICATIONS

Material:	Zinc, Ni-plated
Temp. range:	-40°C - 120°C
Cable strain relief:	Polycarbonate, PC UL94 V0
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Assembly screws:	Taptite thread forming
Cable outlet:	Side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A
DSZK15-SL	51,8
DSZK25-SL	65,5

PART NUMBERING SYSTEM

DSZK15 - SL - BULK

Series:
DSZK-SL
Size:
15 and 25
Packaging:
K = Kit package
BULK = Bulk / 100 pcs

FEATURES

- Available in sizes 15 and 25
- Minimise interference from electromagnetic and RF sources
- Non-static parts avoid ESD problems
- Accept round foil and braided cable types
- Approved according VDE 0871, FCC 20780 and 89/336/EU
- Printed logotype available upon request
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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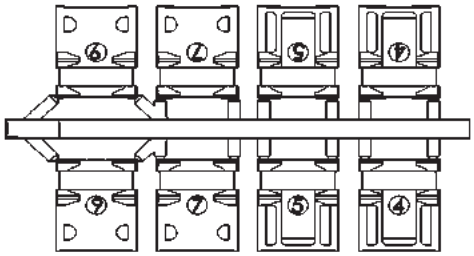
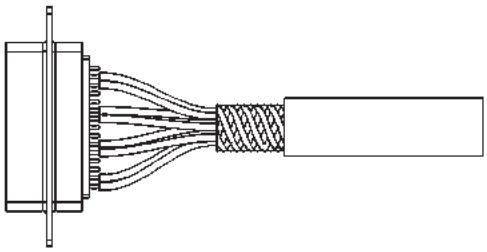
Assembly instruction DSZK-SL Series

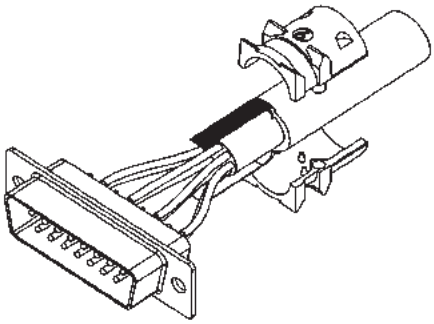
Use two halves of the strain relief and attach around the outer cable jacket. Different sizes of the strain relief can be mixed together to give the best fit. For cable diameters exceeding 9 mm, assembly without the strain relief or with just one strain relief half is applicable.



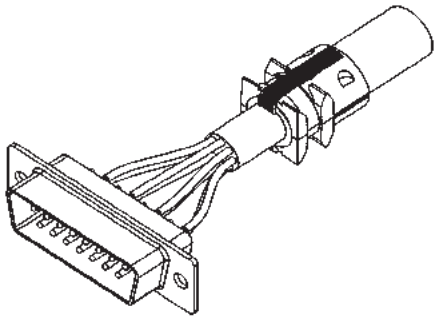
Strip the outer cable jacket 18 mm as illustrated below.



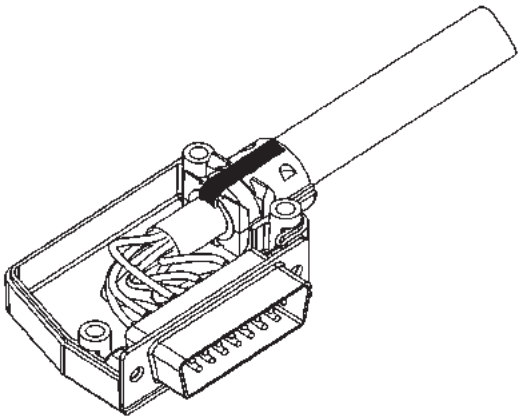
Split and pigtail the braid as illustrated below.



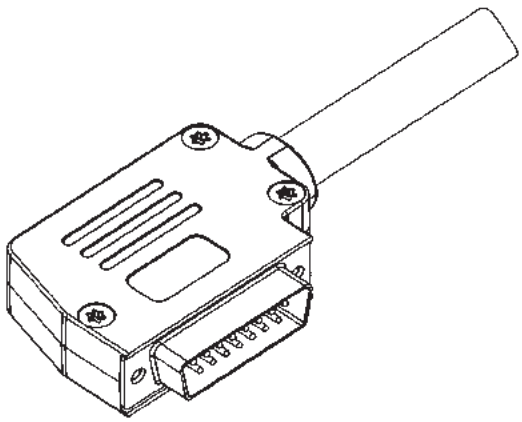
Turn the pigtail cable shield back over the strain relief. If not using any strain relief from the supplied set, use the same procedure around the outer cable jacket.



Place the assembled connector and cable into the bottom back shell half.



Complete the assembly by putting the top half over the assembly and tighten with accompanied assembly screws. Maximum mounting torque is 100 - 120 Ncm.



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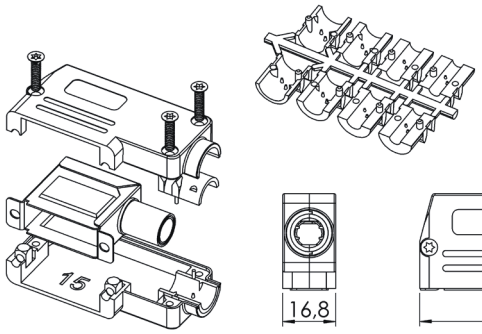
Shielded D-Sub Backshells DSK-SL Series

TECHNICAL SPECIFICATIONS

Material insulator:	Polycarbonate UL94 V0
Material shielding:	Zi-plated steel
Temp. range:	-40˚C - 105˚C
Cable strain relief:	Crimp ferrule with cable ferrule
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



TYPE	A
DSK9-SL	56,3
DSK15-SL	64,3
DSK25-SL	78,3

PART NUMBERING SYSTEM

DSK9 - SL - R10.6 - SR9.0/8.1- K

Series:
DSK-SL
Size:
9, 15 or 25
Crimp ferrule:
See separate list
Anchor ferrule:
See separate list

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in sizes 9, 15 and 25-way
- Crimped cable retention guarantee 360˚ shielding
- Accept round foil and braided cable types
- Company logotype available upon request
- Approved according VDE 0871, FCC 20780, IEEE 802.3 and 89/336/EU
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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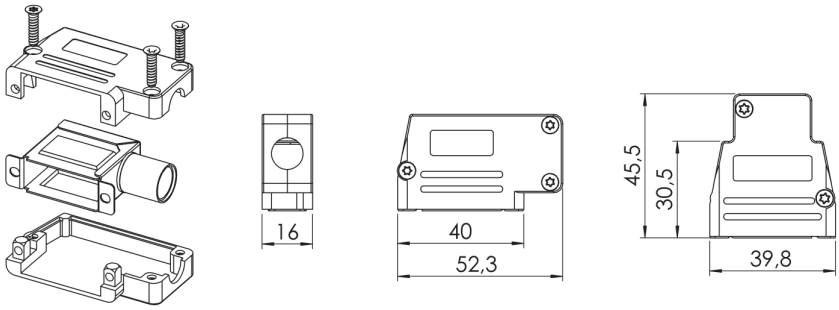
Shielded D-Sub Backshells DSK/DTK-SL Series

TECHNICAL SPECIFICATIONS

Material insulator:	Polycarbonate UL94 V0
Material shielding:	Zi-plated steel
Temp. range:	-40˚C - 105˚C
Cable strain relief:	Crimp ferrule with anchor ferrule
Cable diameter:	3.0 - 13.0 mm
Locking screws:	Integrated UNC 4-40 threads for slidelock or panel assembly
Cable outlet:	Straight or side
Attenuation factor:	> 40 dB between 30 MHz and 1 GHz



PART NUMBERING SYSTEM

DSK15 - SL - R10.6 - SR9.0/8.1 - CK - K

Series:
DSK/DTK-SL
Size:
15
Crimp ferrule:
See separate list
Anchor ferrule:
See separate list

Packaging:
K = Kit package
BULK = Bulk package / 100 pcs

FEATURES

- Available in size 15-way
- Crimped cable retention guarantee 360˚ shielding
- Accept round foil and braided cable types
- Crimp tool only extra tool required
- Company logotype available upon request
- Approved according VDE 0871, FCC 20780, IEEE 802.3 and 89/336/EU
- Integrated UNC 4-40 threads for slidelock or panel assembly
- For custom designed solutions, please consult factory

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Ferrule versions for DTK and DTK/DSK-SL Series

Cable outer diameter	Crimp applicators	Part number	Cable	Assembly
6,0 mm	7,0	-4,0	Braided screen	Standard
6,0 mm (thin braid)	7,0	-4,5	Braided screen	Standard
7,0 mm	8,0	-5,0	Braided screen	Standard
7,0 mm (thin braid)	8,0	-5,5	Braided screen	Standard
8,0 mm	9,0	-6,0	Braided screen	Standard
8,0 mm (thin braid)	9,0	-6,5	Braided screen	Standard
10,2 mm	11,6	-7,0	Braided screen	Standard
10,5 mm	12,0	-7,4	Braided screen	Standard
11,2 mm	12,0	-8,0	Braided screen	Standard
11,2 mm (thin braid)	12,5	-9,0	Braided screen	Standard
12,0 mm	13,0	-10,0	Braided screen	Standard
5,2 mm	6,5	-R 5,3	Braided screen	Reversed
7,5 mm	8,0	-R 7,5	Braided screen	Reversed
8,0 mm	9,0	-R 8,1	Braided screen	Reversed
9,0 mm	10,0	-R 9,0	Braided screen	Reversed
9,8 mm	11,0	-R 9,9	Braided screen	Reversed
10,5 mm	11,6	-R 10,6	Braided screen	Reversed
11,0 mm	12,0	-R 11,0	Braided screen	Reversed
11,7 mm	12,5	-R 11,7	Braided screen	Reversed
4,0 - 8,6 mm	FCT	-F 8,6	Foil screen	Foil
7,0 mm	*not applicable*	-F 7N	Foil screen	Foil
3,0 - 5,0 mm (flat cable)	*not applicable*	-F TEL	Foil screen	Foil

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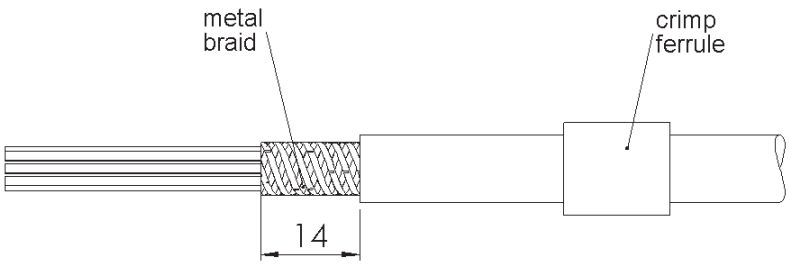
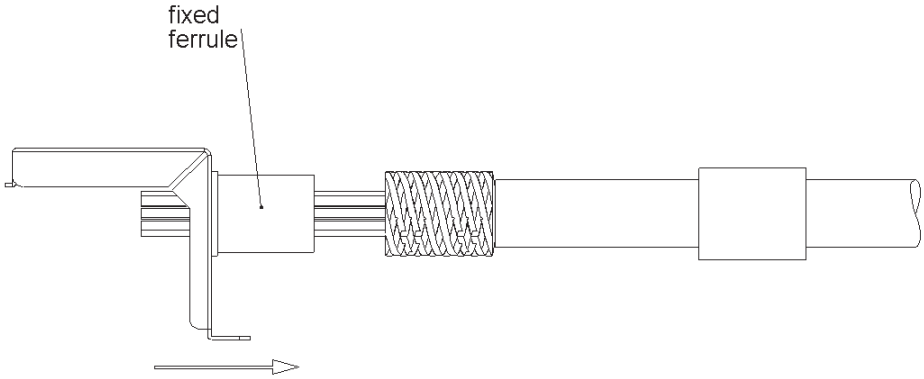
Assembly instruction DTK/DSK Series Standard

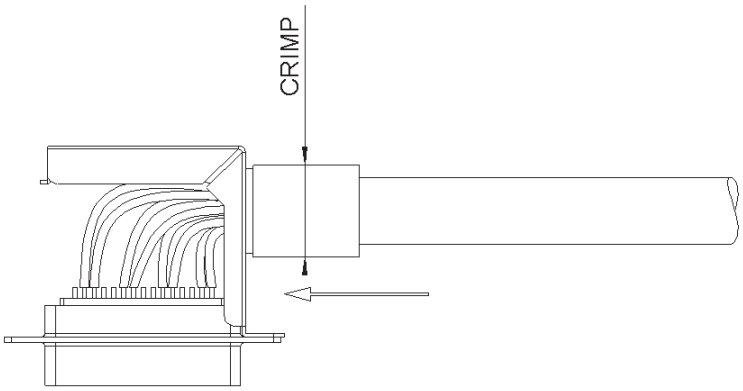
Prepare cable as illustrated below. Slide crimp ferrule over the outer cable jacket.



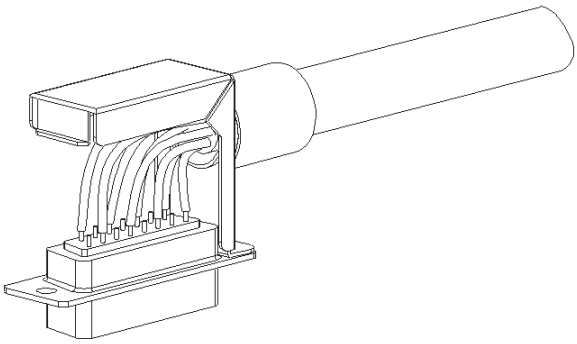
Put wires through and shape metal braid around the fixed cable ferrule.



Crimp over the loose crimp ferrule and mount the D-Sub connector.



Final step is to place the other metal part to close the close the assembly to gain 360° EMI/RFI shielding.
Place completed assembly inside the plastic insulating cover, either 90° or 180° cable oulet depending on the application.



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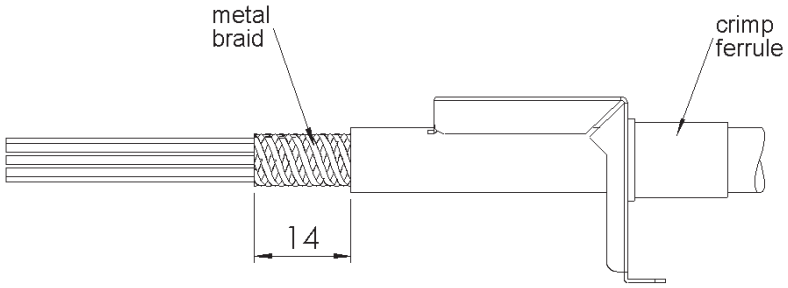
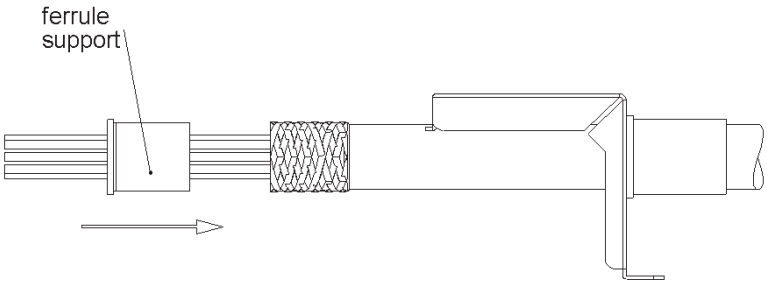
Assembly instruction DTK/DSK Series Reversed

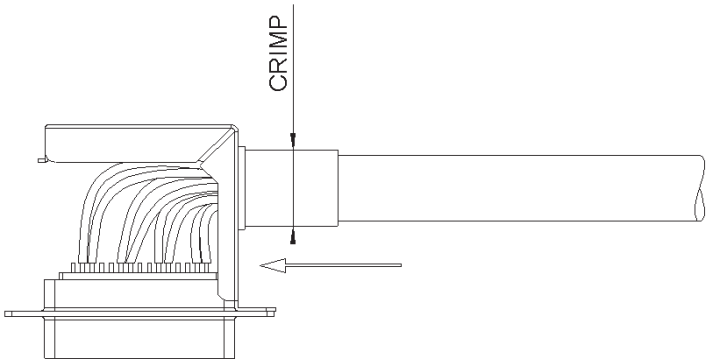
Prepare cable as illustrated below. Slide upper metal part over the outer cable jacket.



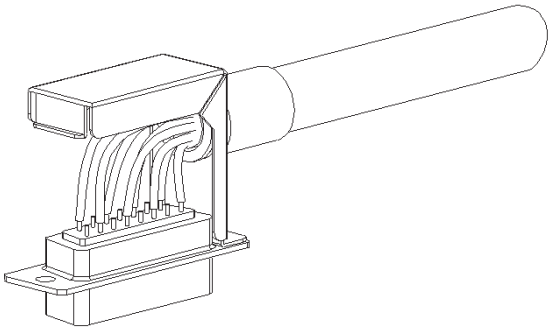
Put wires through and shape cable metal braid around the ferrule support.



Crimp over the fixed crimp ferrule and mount the D-Sub connector.



Final step is to place the other metal part to close the assembly to gain 360° EMI/FRI shielding.
Place completed assembly inside the plastic insulating cover, either 90° or 180° cable outlet depending on the application.



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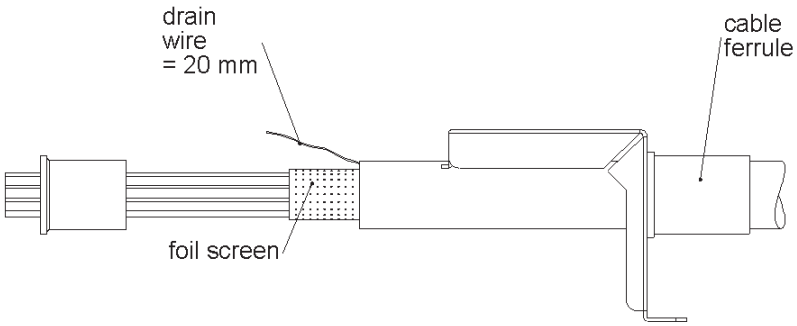
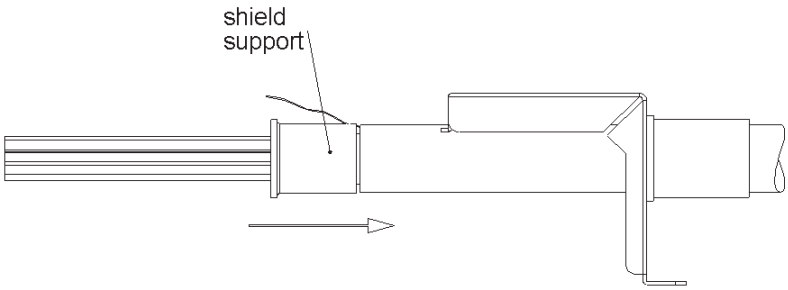
Assembly instruction DTK/DSK Series Foil

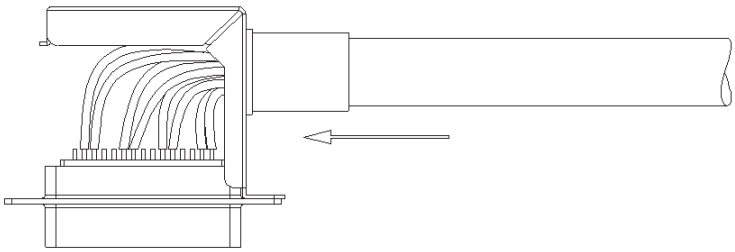
Prepare cable as illustrated below. Slide upper metal part over the outer cable jacket.



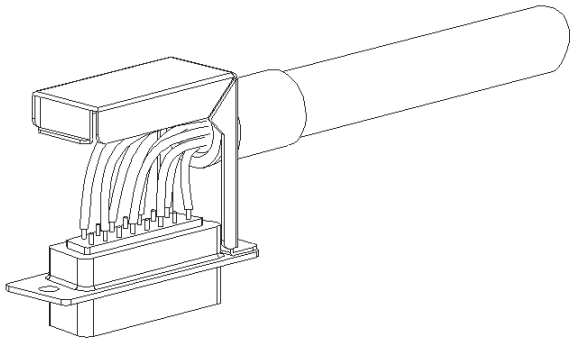
Put wires through and place the drain wire between shield support and outer cable jacket.



Slide the upper metal part with fixed cable ferrule in position using hand tool FCT or equivalent and mount the D-Sub connector



Final step is to place the other metal part to close the assembly to gain 360° EMI/RFI shielding.
Place completed assembly inside the insulating cover, either 90° or 180° cable outlet depending on the application.



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Notes

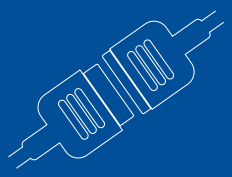
Notes

CONNECT TO OSSI

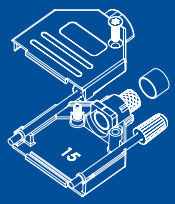
Appointed distributor in Australia and New Zealand:

CAMBRIDGE TECHNOLOGIES

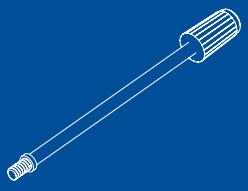
DISCOVER OUR PRODUCTS, SERVICES AND ONLINE CATALOGUES AT WWW.OSSI.DK



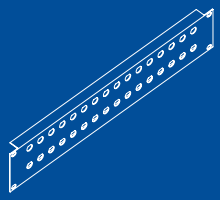
MAIN CATALOGUE



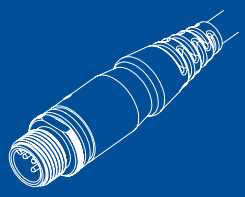
D-SUB BACKSHELLS



D-SUB ACCESSORIES



19" PATCH PANELS



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