

IE-FM6C2UE0180MSD1SD1X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled IE cables, FO breakout cable, multimode, SC duplex - SC duplex, black, Core diameter 62.5 µm

General ordering data

Version	Dragline cable, SC IP 67 bayonet V01 metal, SC IP 67 bayonet V01 metal, 62.5 µm, PUR, 180 m
Order No.	1318011800
Type	IE-FM6C2UE0180MSD1SD1X
GTIN (EAN)	4050118139976
Qty.	1 pc(s).
Available until	2013-12-06

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Technical data**Dimensions and weights**

Length	180 m	Length (inches)	7,086.614 inch
Net weight	9,300 g		

Temperatures

Storage temperature	-55 °C...85 °C	Operating temperature	-40 °C...85 °C
Installation temperature	-55 °C...60 °C		

Fibre-optic

Attenuation	2.7 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm	Bandwidth	200 MHz*km at 850 nm, 500 MHz*km at 1300 nm
Fibre type	GOF, Multimode, OM1	Insertion loss	≤ 0.4 dB
Return loss (attenuation)	≥ 30 dB		

Cable structure

Cable layout	Break-out dragline	Core diameter	62.5 µm
Material sheath	PUR	Primary coating	245 µm
Sheath diameter	7.5–8 mm	Sheathing colour	black

Mechanical and material properties of cable

Bending cycles	100,000	Min. bending radius, once only	25 mm
Min. bending radius, repetitive	70 mm		

Plug

Plug left	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded	Plug right	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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Plug, left

Plug left	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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Plug, right

Plug right	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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Classifications

ETIM 6.0	EC002607	ETIM 7.0	EC002607
ETIM 8.0	EC002607	ETIM 9.0	EC002607
ETIM 10.0	EC002607	ECLASS 9.0	27-06-10-03
ECLASS 9.1	27-06-10-03	ECLASS 10.0	27-06-10-03
ECLASS 11.0	27-06-10-03	ECLASS 12.0	27-06-10-03
ECLASS 13.0	27-06-10-03	ECLASS 14.0	27-06-10-03
ECLASS 15.0	27-06-10-03		

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ROHS	Conform
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
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RoHS Exemption (if applicable/known)	6c
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REACH SVHC	Lead 7439-92-1
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Downloads

User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
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Catalogues	Catalogues in PDF-format
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Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN
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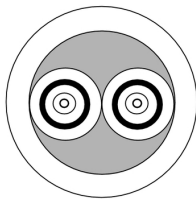
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Drawings

Detailed drawing



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www.weidmueller.com**Accessories****V0 material**

SlimFix are conductor and cable markers with a space-saving design. The markers can be fitted even after the conductor has been installed. They consist of halogen-free material and comply with flammability rating V0/V2. SlimFix is an acknowledged and accredited marker type for traffic engineering applications. The SF tool allows easy installation, even in case of small markers.

Advantages:

- Halogen-free material
- Flammability rating V0/V2
- Approved and accredited markers for traffic engineering applications, etc.
- Has to be fixed with cable ties if the conductor cross-section is larger than 16.0 mm²
- Markers in proven MultiCard format

General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	1689470001	SlimFix, Conductor and cable markers, 4.8 - 7.4 mm, 21 x 7.4 mm,
GTIN (EAN)	4008190872571	white
Qty.	160 pc(s).	
Type	VT SF 6/21 MC NE WS V0	Version
Order No.	1730560001	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 pc(s).	