

**Industrial Ethernet
IE-FM6C2UE0500MSD1SD1X**

Weidmüller Interface GmbH & Co. KG
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Assembled IE cables, FO breakout cable, multimode, SC duplex - SC duplex, black, Core diameter 62.5 µm

General ordering data

Available until	2013-12-06
Type	IE-FM6C2UE0500MSD1SD1X
Order No.	1318015000
Version	Dragline cable, SC IP 67 bayonet V01 metal, SC IP 67 bayonet V01 metal, 62.5 µm, PUR, 500 m
GTIN (EAN)	4050118176018
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	500 m	Length (inches)	19.685 inch
Net weight	42,800 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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

Core diameter	62.5 µm	Sheath diameter	7.5–8 mm
Cable layout	Break-out dragline	Material sheath	PUR
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

Connector left	SC IP 67 bayonet V01 metal	Connector right	SC IP 67 bayonet V01 metal
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Classifications

ETIM 3.0	EC000034	ETIM 5.0	EC000034
ETIM 6.0	EC002607	eClass 5.1	27-06-18-03
eClass 6.2	27-06-18-03	eClass 7.1	27-06-18-03
eClass 8.1	27-06-18-03	eClass 9.0	27-06-10-03
eClass 9.1	27-06-10-03		

Approvals

ROHS	Conform
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Data sheet**Industrial Ethernet
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Technical data**Downloads**

Brochure/Catalogue	CAT 9 IETH 15/16 EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

Data sheet

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Drawings

Detailed drawing

