

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 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Length	180 m	Length (inches)	7086.6142 inch
Net weight	9300 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Fibre-optic

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

Cable structure

Sheath diameter	7.5–8 mm	Sheathing colour	black
Material sheath	PUR	Cable layout	Break-out dragline
Primary coating	245.00 µm	Core diameter	62.5 µm

Mechanical and material properties of cable

Halogen	No	Min. bending radius, repetitive	70 mm
Min. bending radius, once only	25 mm	Bending cycles	100,000

Plug

Plug right	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded	Plug left	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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ETIM 8.0	EC002607	ETIM 9.0	EC002607
ETIM 10.0	EC002607	ECLASS 14.0	27-06-10-03
ECLASS 15.0	27-06-10-03		

Drawings

Detailed drawing

