

IE-FM6C2UE0100MSD1SD1X**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, 100 m
Order No.	1318011000
Type	IE-FM6C2UE0100MSD1SD1X
GTIN (EAN)	4050118127515
Qty.	1 pc(s).

Creation date March 23, 2021 3:50:28 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	100 m	Length (inches)	3,937.008 inch
Net weight	7,700 g		

Temperatures

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

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, left

Connector left	SC IP 67 bayonet V01 metal
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Plug, right

Connector right	SC IP 67 bayonet V01 metal
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plug

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

ETIM 6.0	EC002607	ETIM 7.0	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

Approvals

ROHS	Conform
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Technical data

Downloads

User Documentation

[MAN IE GUIDE DE](#)

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Drawings

Detailed drawing

