

IE-FM5D2UE0100MST0ST0X

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 50 µm

General ordering data

Version	Dragline cable, ST IP 20, ST IP 20, 50 µm, PUR, 100 m
Order No.	8876451000
Type	IE-FM5D2UE0100MST0ST0X
GTIN (EAN)	4050118072969
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Length	100 m	Length (inches)	3937.0079 inch
Net weight	4057 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-20 °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, OM2	Attenuation	2.3 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm
Insertion loss	≤ 0.4 dB	Return loss (attenuation)	≥ 30 dB
Bandwidth	500 MHz*km at 850 nm, 500 MHz*km at 1300 nm		

Cable structure

Sheath diameter	6 mm	Sheathing colour	black
Material sheath	PUR	Cable layout	Break-out dragline
Primary coating	245.00 µm	Core diameter	50 µm

Mechanical and material properties of cable

Halogen	No	Min. bending radius, repetitive	77 mm
Min. bending radius, once only	25 mm	Bending cycles	100,000

Plug

Plug right	ST, IP20, male contact, straight, plug, Plastic, unshielded	Plug left	ST, IP20, male contact, straight, plug, Plastic, unshielded
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Plug, left

Plug left	ST, IP20, male contact, straight, plug, Plastic, unshielded
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Plug, right

Plug right	ST, IP20, male contact, straight, plug, Plastic, unshielded
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Classifications

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		

Detailed drawing

