

**Industrial Ethernet
IE-FM5D2UE0010MST0ST0X**

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Assembled IE cables, FO breakout cable, multimode, SC duplex - SC duplex, black, Core diameter 50 µm

General ordering data

Type	IE-FM5D2UE0010MST0ST0X
Order No.	8876450100
Version	Dragline cable, ST, ST IP 20, 50 µm, PUR, 10 m
GTIN (EAN)	4032248610020
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	10 m	Length (inches)	0.394 inch
Net weight	140 g		

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage temperature	-40 °C...80 °C
Installation temperature	-20 °C...60 °C		

Standards

Connector standard	IEC 61754-2
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Fibre-optic

Attenuation	2.3 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm	Bandwidth	500 MHz*km at 850 nm, 500 MHz*km at 1300 nm
Fibre type	GOF, Multimode, OM2	Insertion loss	≤ 0.4 dB
Return loss (attenuation)	≥ 30 dB		

Cable structure

Core diameter	50 µm	Sheath diameter	6 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	77 mm		

plug

Connector left	ST	Connector right	ST IP 20
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Classifications

ETIM 3.0	EC000034	ETIM 4.0	EC000034
ETIM 5.0	EC000034	ETIM 6.0	EC002607
UNSPSC	30-21-18-01	eClass 5.1	27-06-18-03
eClass 6.2	27-25-05-04	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	27-06-10-03
eClass 9.1	27-06-10-03		

Approvals

ROHS	Conform
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Technical data**Downloads**

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

Data sheet

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Drawings

Detailed drawing

