

**Industrial Ethernet
IE-FM6D2UE0005MST0ST0X**

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Assembled IE cables, FO breakout cable, multimode, SC duplex - SC duplex, black, Core diameter 62.5 µm

General ordering data

Type	IE-FM6D2UE0005MST0ST0X
Order No.	8876460050
Version	Dragline cable, ST, ST IP 20, 62.5 µm, PUR, 5 m
GTIN (EAN)	4032248610051
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	5 m	Length (inches)	0.197 inch
Net weight	100 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	2.7 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	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	27-06-18-03	eClass 7.1	27-06-18-03
eClass 8.1	27-06-18-03	eClass 9.0	27-06-10-03
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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

