

**Industrial Ethernet
IE-FM5D2UE0050MLD0LD0X**

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

General ordering data

Type	IE-FM5D2UE0050MLD0LD0X
Order No.	8979040000
Version	Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 50 µm, PUR, 50 m
GTIN (EAN)	4032248814619
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	50 m	Length (inches)	1.969 inch
Net weight	2,059 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 61754-20
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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	LC-Duplex IP 20	Connector right	LC-Duplex IP 20
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Classifications

ETIM 3.0	EC000034	ETIM 4.0	EC000034
ETIM 5.0	EC000034	ETIM 6.0	EC002607
eClass 5.1	27-06-18-03	eClass 6.2	27-08-10-03
eClass 7.1	27-08-10-03	eClass 8.1	27-08-10-03
eClass 9.0	27-06-10-03	eClass 9.1	27-06-10-03

Approvals

ROHS	Conform
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Downloads

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

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Data sheet

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Drawings

Detailed drawing

