

**Industrial Ethernet  
IE-FM5D2UE0100MLD0LD0X**

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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-FM5D2UE0100MLD0LD0X
Order No.	<a href="#">8979030000</a>
Version	Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 50 µm, PUR, 100 m
GTIN (EAN)	4032248814404
Qty.	1 pc(s).

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### Technical data

#### Dimensions and weights

Length	100 m	Length (inches)	3.937 inch
Net weight	3,322 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, &le; 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	<a href="#">CAT 9 IETH 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

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**Data sheet**

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**Drawings**

**Detailed drawing**

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