

**Industrial Ethernet  
IE-FM5D2UE0200MSD0SD0X**

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Industrial Ethernet connection technology by Weidmüller offers the optimal solution for the infrastructure of your machine, system or factory. All connection technology is available from one source.

The benefits for you:

- IEC-standardised connectors, in the variants 1, 4, 5, 6 and 14
- Cat. 6 throughout<sub>A</sub> with **STEADYTEC**® technology
- pre-assembled cables and cables sold by the metre
- Copper and fibre-optic cables
- in IP20 and IP67
- all relevant industrial connections: RJ45, M12, SC, ...
- comprehensive range of accessories

**General ordering data**

Available until	2014-05-20
Type	IE-FM5D2UE0200MSD0SD0X
Order No.	<a href="#">8993170000</a>
Version	Dragline cable, SC duplex IP 20, SC duplex IP 20, 50 µm, PUR, 200 m
GTIN (EAN)	4032248917143
Qty.	1 pc(s).

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### Technical data

#### Dimensions and weights

Length	200 m	Length (inches)	7.874 inch
Net weight	8,900 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 61754-4
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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	SC duplex IP 20	Connector right	SC 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	27-06-03-07
eClass 7.1	27-06-18-03	eClass 8.1	27-06-18-03
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="#">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>