

**Industrial Ethernet
IE-FM5D2UE0002MSD0ST0X**

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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_A 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

Type	IE-FM5D2UE0002MSD0ST0X
Order No.	2089080020
Version	Dragline cable, SC duplex IP 20, ST IP 20, 50 µm, PUR, 2 m
GTIN (EAN)	4050118421057
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	2 m	Length (inches)	0.079 inch
Net weight	85 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		

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		

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	ST IP 20
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Classifications

ETIM 3.0	EC000034	ETIM 6.0	EC002607
eClass 5.1	27-06-18-03	eClass 6.2	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	FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN