

**Industrial Ethernet  
IE-FM5D2UE0160MST0ST0X**

**Weidmüller Interface GmbH & Co. KG**  
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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**

Type	IE-FM5D2UE0160MST0ST0X
Order No.	<a href="#">8876451600</a>
Version	Dragline cable, ST IP 20, ST IP 20, 50 µm, PUR, 160 m
GTIN (EAN)	4050118334548
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	160 m	Length (inches)	6.299 inch
Net weight	4,182 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, &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		

**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	ST IP 20	Connector right	ST IP 20
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**Classifications**

ETIM 3.0	EC000034	ETIM 5.0	EC000034
ETIM 6.0	EC002607	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
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>