

**Industrial Ethernet  
IE-FM6Z2VO0002MSTOLD0X**

**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-FM6Z2VO0002MSTOLD0X
Order No.	<a href="#">8978980000</a>
Version	Pre-assembled patch cable, crossover, ST IP 20, LC-Duplex IP 20, 62.5 µm, PVC, 2 m
GTIN (EAN)	4032248814350
Qty.	1 pc(s).

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

Length	2 m	Length (inches)	0.079 inch
Net weight	45 g		

**Temperatures**

Operating temperature, max.	75 °C	Operating temperature, min.	-5 °C
Storage temperature, max.	75 °C	Storage temperature, min.	-25 °C
Operating temperature	-5 °C...75 °C	Storage temperature	-25 °C...75 °C
Installation temperature	-5 °C...50 °C		

**Standards**

Connector standard	IEC 61754-2, IEC 61754-20
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**Fibre-optic**

Attenuation	≤ 3.2 dB/km at 850 nm, ≤ 0.9 dB/km at 1300 nm	Bandwidth	≥ 250 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm
Fibre type	GOF, Multimode, OM1		

**Cable structure**

Core diameter	62.5 µm	Sheath diameter	3*6 mm
Cable layout	ZIPCORD	Standard designations	I-V(ZN)Y
Material sheath	PVC	Sheathing colour	orange

**Mechanical and material properties of cable**

Min. bending radius, once only	30 mm	Min. bending radius, repetitive	60 mm
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**plug**

Connector left	ST 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
UNSPSC	30-21-18-01	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="#">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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