

Industrial Ethernet
IE-FM5Z2V00001MST0ST0X**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_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-FM5Z2V00001MST0ST0X
Order No.	8876370010
Version	Patch cable, ST IP 20, ST IP 20, 50 µm, PVC, 1 m
GTIN (EAN)	4050118375121
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	1 m	Length (inches)	0.039 inch
Net weight	35 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		

Fibre-optic

Attenuation	≤ 2.7 dB/km at 850 nm, ≤ 0.7 dB/km at 1300 nm	Bandwidth	≥ 600 MHz*km at 850 nm, ≥ 1200 MHz*km at 1300 nm
Fibre type	GOF, Multimode, OM2		

Cable structure

Core diameter	50 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	ST IP 20
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Classifications

ETIM 3.0	EC000034	ETIM 6.0	EC002607
UNSPSC	30-21-18-01	eClass 5.1	27-06-18-03
eClass 6.2	27-06-18-03	eClass 9.1	27-06-10-03

Approvals

ROHS	Conform
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