

**Industrial Ethernet**  
**IE-FM5Z2V00001MST0ST0X****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

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-FM5Z2V00001MST0ST0X
Order No.	<a href="#">8876370010</a>
Version	Patch cable, ST IP 20, ST IP 20, 50 µm, PVC, 1 m
GTIN (EAN)	4050118375121
Qty.	1 pc(s).

**Industrial Ethernet  
IE-FM5Z2V00001MST0ST0X**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**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
--------------------------------	-------	---------------------------------	-------

**plug**

Connector left	ST IP 20	Connector right	ST IP 20
----------------	----------	-----------------	----------

**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
------	---------