

**Industrial Ethernet
IE-FM5Z2V00099MSD0LD0X**

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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-FM5Z2V00099MSD0LD0X
Order No.	8979070000
Version	Pre-assembled patch cable, crossover, SC duplex IP 20, LC-Duplex IP 20, 50 µm, PVC, 99 m
GTIN (EAN)	4032248814640
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	99 m	Length (inches)	3.898 inch
Net weight	2,321 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 61754-4, IEC 61754-20
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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	SC duplex 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	FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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