

**Industrial Ethernet  
IE-FM5Z2L00001MSD0SD0-X**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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Assembled IE cables, FO

**General ordering data**

Type	IE-FM5Z2L00001MSD0SD0-X
Order No.	<a href="#">1433970010</a>
Version	Patch cable, duplex clip included, SC duplex IP 20, SC duplex IP 20, 50 µm, LSZH, 1 m
GTIN (EAN)	4050118242812
Qty.	1 pc(s).

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

Length	1 m	Length (inches)	0.039 inch
Net weight	32 g		

**Temperatures**

Operating temperature, max.	70 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 °C...70 °C	Storage temperature	
Installation temperature			

**Standards**

Connector standard	IEC 61754-4
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**Fibre-optic**

Attenuation	≤ 2.7 dB/km at 850 nm, ≤ 0.8 dB/km at 1300 nm	Bandwidth	≥ 600 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm
Fibre type	GOF, Multimode, OM2		

**Cable structure**

Core diameter	50 µm	Sheath diameter	2.8 * 5.7 mm
Cable layout	ZIPCORD	Standard designations	I-V(ZN)H
Material sheath	LSZH	Sheathing colour	orange

**Mechanical and material properties of cable**

Min. bending radius, once only	28 mm	Min. bending radius, repetitive	56 mm
Halogen	No		

**plug**

Connector left	SC duplex IP 20	Connector right	SC duplex IP 20
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**Classifications**

ETIM 5.0	EC000034	ETIM 6.0	EC002607
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="#">CAT 9 IETH 15/16 EN</a> <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>

**Data sheet**

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**Drawings**

**Detailed drawing**

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