

**Industrial Ethernet
IE-FM5Z2L00005DST0ST0-X**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Assembled IE cables, FO

General ordering data

Type	IE-FM5Z2L00005DST0ST0-X
Order No.	1433990005
Version	Patch cable, ST IP 20, ST IP 20, 50 µm, LSZH, 0.5 m
GTIN (EAN)	4050118242904
Qty.	1 pc(s).

Creation date May 4, 2020 7:31:12 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

**Industrial Ethernet
IE-FM5Z2L00005DST0ST0-X**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Dimensions and weights

Length	0.5 m	Length (inches)	0.02 inch
Net weight	34 g		

Temperatures

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

Cable specific standards

Specification for checking the symmetrical communication cabling	IEC 61935-3	Specification for twisted-pair device connection cables	IEC 61156-6, DIN EN 50288-4-2
--	-------------	---	-------------------------------

General standards

Connector standard	IEC 60874-10
--------------------	--------------

Fibre-optic

Attenuation	≤2.5 dB/km at 850 nm, ≤ 0.7 dB/km at 1300 nm	Bandwidth	≥ 500 MHz*km at 850 nm, ≥ 500 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	ST IP 20	Connector right	ST IP 20
----------------	----------	-----------------	----------

Classifications

ETIM 6.0	EC002607	ETIM 7.0	EC002607
eClass 9.0	27-06-10-03	eClass 9.1	27-06-10-03
eClass 10.0	27-06-10-03		

Approvals

ROHS	Conform
------	---------

**Industrial Ethernet
IE-FM5Z2L00005DST0ST0-X**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Downloads**

Brochure/Catalogue	CAT 9 IETH 18/19 EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

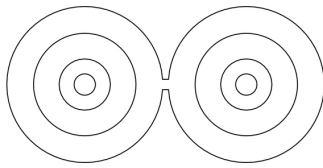
Data sheet

**Industrial Ethernet
IE-FM5Z2LO0005DST0ST0-X**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Detailed drawing



**Industrial Ethernet
IE-FM5Z2L00005DST0ST0-X**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

V0 material



SlimFix are conductor and cable markers with a space-saving design. The markers can be fitted even after the conductor has been installed. They consist of halogen-free material and comply with flammability rating V0/V2. SlimFix is an acknowledged and accredited marker type for traffic engineering applications. The SF tool allows easy installation, even in case of small markers.

- Halogen-free material
- Flammability rating V0/V2
- Approved and accredited markers for traffic engineering applications, etc.
- Has to be fixed with cable ties if the conductor cross-section is larger than 16.0 mm²
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	1689470001	SlimFix, Conductor and cable markers, 4.8 - 7.4 mm, 21 x 7.4 mm,
GTIN (EAN)	4008190872571	white
Qty.	160 pc(s).	
Type	VT SF 6/21 MC NE WS V0	Version
Order No.	1730560001	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 pc(s).	