Data sheet

IE-FM6Z2LO0001MST0ST0-X

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Assembled IE cables, FO

General ordering data

Version	Patch cable, ST IP 20, ST IP 20, 62.5 µm, LSZH, 1 m
Order No.	1433980010
Type	IE-FM6Z2LO0001MST0ST0-X
GTIN (EAN)	4050118242744
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	1 m	Length (inches)	39.3701 inch
Net weight	37 g		

Temperatures

Storage temperature		Operating temperature	-20 °C...70 °C
Installation temperature			

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable specific standards

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

General standards

Connector standard	IEC 60874-10

Standards

Connector standard	IEC 60874-10

Fibre-optic

Fibre type	GOF, Multimode, OM1	Attenuation	≤ 3.0 dB/km at 850 nm, ≤0.8 dB/km at 1300 nm
Bandwidth	≥ 200 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm		

Cable structure

Sheath diameter	2.8 * 5.7 mm	Sheathing colour	orange
Standard designations	I-V(ZN)H	Material sheath	LSZH
Cable layout	ZIPCORD	Primary coating	245.00 µm
Core diameter	62.5 µm		

Mechanical and material properties of cable

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

Plug

Plug right	ST, IP20, male contact, straight, plug, Plastic, unshielded	Plug left	ST, IP20, male contact, straight, plug, Plastic, unshielded

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Plug, left

Plug left	ST, IP20, male contact, straight, plug, Plastic, unshielded

Plug, right

Plug right	ST, IP20, male contact, straight, plug, Plastic, unshielded

Classifications

ETIM 8.0	EC002607	ETIM 9.0	EC002607
ETIM 10.0	EC002607	ECLASS 14.0	27-06-10-03
ECLASS 15.0	27-06-10-03		

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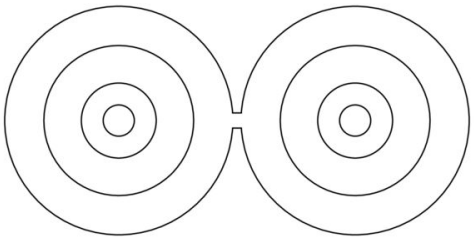
Drawings

Detailed drawing



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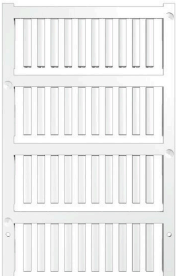
Accessories

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.
Advantages:
- 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

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 ST	
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 ST	