

## IE-FM6Z2LO0005MLD0LDO-X

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

[www.weidmueller.com](http://www.weidmueller.com)



Assembled IE cables, FO

### General ordering data

Version	Patch cable, duplex clip included, LC-Duplex IP 20, LC-Duplex IP 20, 62.5 µm, LSZH, 5 m
Order No.	<a href="#">1433930050</a>
Type	IE-FM6Z2LO0005MLD0LDO-X
GTIN (EAN)	4050118242546
Qty.	1 ST

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	51 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
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## General standards

Connector standard	IEC 61754-20
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Connector standard	IEC 61754-20
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## Fibre-optic

Fibre type	GOF, Multimode, OM1	Attenuation	≤3.1 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	2.0 * 4.1 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	40 mm
Min. bending radius, once only	20 mm	Resistance to spread of flame	IEC 60754-2

## Plug

Plug right	LC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded	Plug left	LC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded
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**Technical data**

**Plug, left**

Plug left	LC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded
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**Plug, right**

Plug right	LC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded
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**Classifications**

ETIM 6.0	EC002607	ETIM 7.0	EC002607
ETIM 8.0	EC002607	ETIM 9.0	EC002607
ETIM 10.0	EC002607	ECLASS 9.0	27-06-10-03
ECLASS 9.1	27-06-10-03	ECLASS 10.0	27-06-10-03
ECLASS 11.0	27-06-10-03	ECLASS 12.0	27-06-10-03
ECLASS 13.0	27-06-10-03	ECLASS 14.0	27-06-10-03
ECLASS 15.0	27-06-10-03		

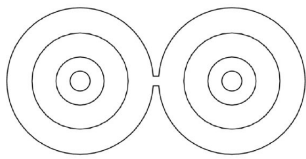
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**Drawings**

**Detailed drawing**



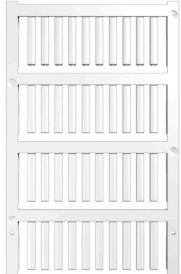
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## Accessories

## 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 mm<sup>2</sup>
- Markers in proven MultiCard format

## General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	<a href="#">1689470001</a>	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.	<a href="#">1730560001</a>	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 ST	