

**IE-FM5Z2LO0005MSD0SD0-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, SC duplex IP 20, SC duplex IP 20, 50 µm, LSZH, 5 m |
| Order No.  | <a href="#">1433970050</a>                                                            |
| Type       | IE-FM5Z2LO0005MSD0SD0-X                                                               |
| GTIN (EAN) | 4050118242393                                                                         |
| Qty.       | 1 pc(s).                                                                              |

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## Technical data

## Dimensions and weights

|            |      |                 |             |
|------------|------|-----------------|-------------|
| Length     | 5 m  | Length (inches) | 196.85 inch |
| Net weight | 60 g |                 |             |

## Temperatures

|                       |                |
|-----------------------|----------------|
| 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 61754-4 |
|--------------------|-------------|

## Standards

|                    |             |
|--------------------|-------------|
| Connector standard | IEC 61754-4 |
|--------------------|-------------|

## Fibre-optic

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

## Cable structure

|                       |              |                  |        |
|-----------------------|--------------|------------------|--------|
| Cable layout          | ZIPCORD      | Core diameter    | 50 µm  |
| Material sheath       | LSZH         | Primary coating  | 245 µm |
| Sheath diameter       | 2.8 * 5.7 mm | Sheathing colour | orange |
| Standard designations | I-V(ZN)H     |                  |        |

## Mechanical and material properties of cable

|                                 |       |                                |             |
|---------------------------------|-------|--------------------------------|-------------|
| Halogen                         | No    | Min. bending radius, once only | 28 mm       |
| Min. bending radius, repetitive | 56 mm | Resistance to spread of flame  | IEC 60754-2 |

## Plug

|           |                                                                    |            |                                                                    |
|-----------|--------------------------------------------------------------------|------------|--------------------------------------------------------------------|
| Plug left | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded | Plug right | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|-----------|--------------------------------------------------------------------|------------|--------------------------------------------------------------------|

## Plug, left

|           |                                                                    |
|-----------|--------------------------------------------------------------------|
| Plug left | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|-----------|--------------------------------------------------------------------|

## Plug, right

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| Plug right | SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded |
|------------|--------------------------------------------------------------------|

Creation date July 12, 2025 8:11:24 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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 |             |             |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Environmental Product Compliance**

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

**Downloads**

|                    |                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a>                                                    |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                                                                              |
| Brochures          | <a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |

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## Drawings

### Detailed drawing



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

**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 pc(s).                 |                                                                  |
| 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 pc(s).                 |                                                                  |