

IE-FM5Z2LO0010MSD0SD0-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, duplex clip included, SC duplex IP 20, SC duplex IP 20, 50 µm, LSZH, 10 m |
| Order No. | 1433970100 |
| Type | IE-FM5Z2LO0010MSD0SD0-X |
| GTIN (EAN) | 4050118242591 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|-------|-----------------|---------------|
| Length | 10 m | Length (inches) | 393.7008 inch |
| Net weight | 100 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 61754-4 |
|--------------------|-------------|

Standards

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

Fibre-optic

| | | | |
|------------|--|-------------|--|
| Fibre type | GOF, Multimode, OM2 | 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 | | |

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 | 50 µm | | |

Mechanical and material properties of cable

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

Plug

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

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Technical data**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 |
|------------|--|

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

