

IE-FM5Z2LO0003MST0ST0-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, 50 µm, LSZH, 3 m |
| Order No. | 1433990030 |
| Type | IE-FM5Z2LO0003MST0ST0-X |
| GTIN (EAN) | 4050118242782 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|---------|-----------------|---------------|
| Length | 3 m | Length (inches) | 118.1102 inch |
| Net weight | 58.96 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, OM2 | 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 | | |

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 | | |

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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Technical data**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

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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 | |