

**Industrial Ethernet  
IE-FM6Z2LO0010MST0ST0-X****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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Assembled IE cables, FO

**General ordering data**

|            |                                                      |
|------------|------------------------------------------------------|
| Type       | IE-FM6Z2LO0010MST0ST0-X                              |
| Order No.  | <a href="#">1433980100</a>                           |
| Version    | Patch cable, ST IP 20, ST IP 20, 62.5 µm, LSZH, 10 m |
| GTIN (EAN) | 4050118242720                                        |
| Qty.       | 1 pc(s).                                             |

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**Technical data****Dimensions and weights**

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Length     | 10 m  | Length (inches) | 0.394 inch |
| Net weight | 150 g |                 |            |

**Temperatures**

|                             |                |                             |        |
|-----------------------------|----------------|-----------------------------|--------|
| Operating temperature, max. | 70 °C          | Operating temperature, min. | -20 °C |
| Operating temperature       | -20 °C...70 °C | Storage temperature         |        |
| Installation temperature    |                |                             |        |

**Standards**

|                    |              |
|--------------------|--------------|
| Connector standard | IEC 60874-10 |
|--------------------|--------------|

**Fibre-optic**

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

**Cable structure**

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

**Mechanical and material properties of cable**

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

**plug**

|                |          |                 |          |
|----------------|----------|-----------------|----------|
| Connector left | ST IP 20 | Connector right | ST IP 20 |
|----------------|----------|-----------------|----------|

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC000034    | ETIM 6.0   | EC002607    |
| eClass 6.2 | 27-06-18-03 | eClass 7.1 | 27-06-18-03 |
| eClass 8.1 | 27-06-18-03 | eClass 9.0 | 27-06-10-03 |
| eClass 9.1 | 27-06-10-03 |            |             |

**Approvals**

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

**Downloads**

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 9 IETH 15/16 EN</a><br><a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a>                                                 |

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## Drawings

### Detailed drawing

