Data sheet

# IE-FM6Z2VO0001MLD0SD0X

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

www.weidmueller.com

Industrial Ethernet connection technology by Weidmüller offers the optimal solution for the infrastructure of your machine, system or factory. All connection technology is available from one source.
The benefits for you:

- IEC-standardised connectors, in the variants 1, 4, 5 , 6 and 14
- consistently Cat. 6A withSTEADYTEC® technolgy
- in IP20 and IP67
- all relevant industrial connections: RJ45, SC, ...
- comprehensive range of accessories

## General ordering data

| | |
|---|---|
| Version | Pre-assembled patch cable, crossover, LC-Duplex IP 20, SC duplex IP 20, 62.5 µm, PVC, 1 m |
| Order No. | 1356770000 |
| Type | IE-FM6Z2VO0001MLD0SD0X |
| GTIN (EAN) | 4050118159950 |
| Qty. | 1 items |

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# Technical data

### Approvals

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

### Dimensions and weights

| | | | |
|---|---|---|---|
| Length | 1 m | Length (inches) | 39.3701 inch |
| Net weight | 33 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -25 °C...75 °C | Operating temperature | -5 °C...75 °C |
| Installation temperature | -5 °C...50 °C | | |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |

### Fibre-optic

| | | | |
|---|---|---|---|
| Fibre type | GOF, Multimode, OM1 | Attenuation | ≤ 3.2 dB/km at 850 nm, ≤ 0.9 dB/km at 1300 nm |
| Bandwidth | ≥ 250 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm | | |

### Cable structure

| | | | |
|---|---|---|---|
| Sheath diameter | 3*6 mm | Sheathing colour | orange |
| Standard designations | I-V(ZN)Y | Material sheath | PVC |
| Cable layout | ZIPCORD | Primary coating | 245.00 µm |
| Core diameter | 62.5 µm | | |

### Mechanical and material properties of cable

| | | | |
|---|---|---|---|
| Min. bending radius, repetitive | 60 mm | Min. bending radius, once only | 30 mm |

### 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 | | |