

IE-FM6Z2LO0005MLD0LDO-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, LC-Duplex IP 20, LC-Duplex IP 20, 62.5 µm, LSZH, 5 m |
| Order No. | 1433930050 |
| Type | IE-FM6Z2LO0005MLD0LDO-X |
| GTIN (EAN) | 4050118242546 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|---------|-----------------|---------------|
| Length | 5 m | Length (inches) | 196.8504 inch |
| Net weight | 44.88 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 61754-20 |
|--------------------|--------------|

Standards

| | |
|--------------------|--------------|
| Connector standard | IEC 61754-20 |
|--------------------|--------------|

Fibre-optic

| | | | |
|------------|--|-------------|--|
| Fibre type | GOF, Multimode, OM1 | Attenuation | ≤3.1 dB/km at 850 nm, ≤0.8 dB/km at 1300 nm |
| Bandwidth | ≥ 200 MHz*km at 850 nm, ≥ 600 MHz*km at 1300 nm | | |

Cable structure

| | | | |
|-----------------------|--------------|------------------|-----------|
| Sheath diameter | 2.0 * 4.1 mm | Sheathing colour | orange |
| Standard designations | I-V(ZN)H | Material sheath | LSZH |
| Cable layout | ZIPCORD | Primary coating | 245.00 µm |
| Core diameter | 62.5 µm | | |

Mechanical and material properties of cable

| | | | |
|--------------------------------|-------|---------------------------------|-------------|
| Halogen | No | Min. bending radius, repetitive | 40 mm |
| Min. bending radius, once only | 20 mm | Resistance to spread of flame | IEC 60754-2 |

Plug

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

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Technical data**Plug, left**

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

Plug, right

| | |
|------------|--|
| Plug right | LC-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

www.weidmueller.com

Detailed drawing

