

IE-FM5D2UE0050MLD0LD0X

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

www.weidmueller.com



Assembled IE cables, FO breakout cable, multimode, LC duplex - LC duplex, black, Core diameter 50 µm

General ordering data

| | |
|------------|--|
| Version | Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 50 µm, PUR, 50 m |
| Order No. | 8979040000 |
| Type | IE-FM5D2UE0050MLD0LD0X |
| GTIN (EAN) | 4032248814619 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|--------|-----------------|----------------|
| Length | 50 m | Length (inches) | 1968.5039 inch |
| Net weight | 2059 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Installation temperature | -20 °C...60 °C | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |

General standards

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

Standards

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

Fibre-optic

| | | | |
|----------------|--|---------------------------|---|
| Fibre type | GOF, Multimode, OM2 | Attenuation | 2.3 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm |
| Insertion loss | ≤ 0.4 dB | Return loss (attenuation) | ≥ 30 dB |
| Bandwidth | 500 MHz*km at 850 nm, 500 MHz*km at 1300 nm | | |

Cable structure

| | | | |
|-----------------|-----------|------------------|--------------------|
| Sheath diameter | 6 mm | Sheathing colour | black |
| Material sheath | PUR | Cable layout | Break-out dragline |
| Primary coating | 245.00 µm | Core diameter | 50 µm |

Mechanical and material properties of cable

| | | | |
|--------------------------------|-------|---------------------------------|---------|
| Halogen | No | Min. bending radius, repetitive | 77 mm |
| Min. bending radius, once only | 25 mm | Bending cycles | 100,000 |

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 | | |

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 | |