

IE-FM6D2UE0005MLD0LD0X**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 62.5 µm

General ordering data

| | |
|------------|---|
| Version | Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 62.5 µm, PUR, 5 m |
| Order No. | 1220930000 |
| Type | IE-FM6D2UE0005MLD0LD0X |
| GTIN (EAN) | 4050118004007 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Length | 5 m | Length (inches) | 196.85 inch |
| Net weight | 143 g | | |

Temperatures

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

General standards

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

Standards

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

Fibre-optic

| | | | |
|---------------------------|--|----------------|--|
| Attenuation | 2.7 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm | Bandwidth | 200 MHz*km at 850 nm, 500 MHz*km at 1300 nm |
| Fibre type | GOF, Multimode, OM1 | Insertion loss | ≤ 0.4 dB |
| Return loss (attenuation) | ≥ 30 dB | | |

Cable structure

| | | | |
|-----------------|--------------------|------------------|---------|
| Cable layout | Break-out dragline | Core diameter | 62.5 µm |
| Material sheath | PUR | Primary coating | 245 µm |
| Sheath diameter | 6 mm | Sheathing colour | black |

Mechanical and material properties of cable

| | | | |
|---------------------------------|---------|--------------------------------|-------|
| Bending cycles | 100,000 | Min. bending radius, once only | 25 mm |
| Min. bending radius, repetitive | 77 mm | | |

Plug

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

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 |
|------------|--|

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www.weidmueller.com**Technical data****Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002607 | ETIM 7.0 | EC002607 |
| ETIM 8.0 | EC002607 | ETIM 9.0 | EC002607 |
| ECLASS 9.0 | 27-06-10-03 | ECLASS 9.1 | 27-06-10-03 |
| ECLASS 10.0 | 27-06-10-03 | ECLASS 11.0 | 27-06-10-03 |
| ECLASS 12.0 | 27-06-10-03 | ECLASS 13.0 | 27-06-10-03 |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Approvals

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

Downloads

| | |
|--------------------|---|
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN |

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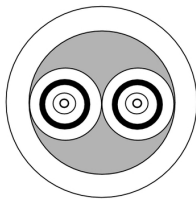
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Drawings

Detailed drawing



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www.weidmueller.com**Accessories****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 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 pc(s). | |
| 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 pc(s). | |