

IE-FM6D2UE0050MSD0SD0X**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. 6_A with **STEADYTEC**® technology
- in IP20 and IP67
- all relevant industrial connections: RJ45, SC, ...
- comprehensive range of accessories

General ordering data

| | |
|------------|--|
| Version | Dragline cable, SC duplex IP 20, SC duplex IP 20, 62.5 µm, PUR, 50 m |
| Order No. | 8876440500 |
| Type | IE-FM6D2UE0050MSD0SD0X |
| GTIN (EAN) | 4050118119817 |
| Qty. | 1 pc(s). |

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|----------------|
| Length | 50 m | Length (inches) | 1,968.504 inch |
| Net weight | 1,326 g | | |

Temperatures

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

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

| | | | |
|----------------|-----------------|-----------------|-----------------|
| Connector left | SC duplex IP 20 | Connector right | SC duplex IP 20 |
|----------------|-----------------|-----------------|-----------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002607 | ETIM 7.0 | 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 |

Approvals

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

Downloads

| | |
|--------------------|--|
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
|--------------------|--|