# IE-FM6D2UE0025MST0ST0X

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 **STEADY**TEC® technolgy
- in IP20 and IP67
- all relevant industrial connections: RJ45, SC, ...
- comprehensive range of accessories

## General ordering data

| | |
|---|---|
| Version | Dragline cable, ST IP 20, ST IP 20, 62.5 µm, PUR, 25 m |
| Order No. | 8876460250 |
| Type | IE-FM6D2UE0025MST0ST0X |
| GTIN (EAN) | 4050118700558 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Length | 25 m | Length (inches) | 984.252 inch |
| Net weight | 897 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, &le; 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 | | |

### 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 | ST IP 20 | Connector right | ST 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 |

### Downloads

| | | | |
|---|---|---|---|
| Brochure/Catalogue | Catalogues in PDF-format | | |

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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