

IE-FM6D2UE0235MST0ST0X

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. 6A with STEADYTEC® technology
- 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, 235 m |
| Order No. | 8876462350 |
| Type | IE-FM6D2UE0235MST0ST0X |
| GTIN (EAN) | 4050118447828 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|--------|-----------------|----------------|
| Length | 235 m | Length (inches) | 9251.9685 inch |
| Net weight | 6132 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 |

Fibre-optic

| | | | |
|------------|--|-------------|--|
| Fibre type | GOF, Multimode, OM1 | 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 | | |

Cable structure

| | | | |
|-----------------|-----------|------------------|--------------------|
| Sheath diameter | 6 mm | Sheathing colour | black |
| Material sheath | PUR | Cable layout | Break-out dragline |
| Primary coating | 245.00 µm | Core diameter | 62.5 µm |

Mechanical and material properties of cable

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

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 | | |