

IE-FM6D2UE0160MST0ST0X**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, ST IP 20, ST IP 20, 62.5 µm, PUR, 160 m |
| Order No. | 8876461600 |
| Type | IE-FM6D2UE0160MST0ST0X |
| GTIN (EAN) | 4050118413656 |
| 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 | 160 m | Length (inches) | 6,299.212 inch |
| Net weight | 4,182 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 | | |

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 |

Approvals

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

Downloads

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