

**Industrial Ethernet  
IE-FM6D2UE0175MSD0SD0X**

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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
- Cat. 6 throughout<sub>A</sub> with **STEADYTEC**® technology
- pre-assembled cables and cables sold by the metre
- Copper and fibre-optic cables
- in IP20 and IP67
- all relevant industrial connections: RJ45, M12, SC, ...
- comprehensive range of accessories

**General ordering data**

Type	IE-FM6D2UE0175MSD0SD0X
Order No.	<a href="#">1224960000</a>
Version	Dragline cable, SC duplex IP 20, SC duplex IP 20, 62.5 µm, PUR, 175 m
GTIN (EAN)	4050118008951
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	175 m	Net weight	3,218 g
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### Temperatures

Operating temperature	-40 °C...+80 °C	Storage 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

Core diameter	62.5 µm	Sheath diameter	6 mm
Cable layout	Break-out dragline	Strands	0.9
Material sheath	PUR	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

Version connector left	SC duplex IP 20	Version connector right	SC duplex IP 20
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### Classifications

ETIM 3.0	EC000034	eClass 5.1	27-06-18-03
eClass 6.2	27-06-03-90	eClass 7.1	27-06-18-03