

**Industrial Ethernet
IE-FM6D2UE0250MLD0LD0X**

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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_A 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

Available until	2014-05-20
Type	IE-FM6D2UE0250MLD0LD0X
Order No.	1138380000
Version	Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 62.5 µm, PUR, 250 m
GTIN (EAN)	4032248919772
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	250 m	Length (inches)	9.842 inch
Net weight	8,750 g		

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage temperature	-40 °C...80 °C
Installation temperature	-20 °C...60 °C		

Standards

Connector standard	IEC 61754-20
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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	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

Connector left	LC-Duplex IP 20	Connector right	LC-Duplex IP 20
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Classifications

ETIM 3.0	EC000034	ETIM 4.0	EC000034
ETIM 5.0	EC000034	ETIM 6.0	EC002607
eClass 5.1	27-06-18-03	eClass 6.2	27-06-03-07
eClass 7.1	27-06-18-03	eClass 8.1	27-06-18-03
eClass 9.0	27-06-10-03	eClass 9.1	27-06-10-03

Approvals

ROHS	Conform
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