Data sheet

IE-FM5D2UE0005MLD0LD0X

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

General ordering data

Version	Dragline cable, LC-Duplex IP 20, LC-Duplex IP 20, 50 µm, PUR, 5 m
Order No.	1416040000
Type	IE-FM5D2UE0005MLD0LD0X
GTIN (EAN)	4050118217292
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	160 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
REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Fibre-optic

Fibre type	GOF, Multimode, OM2	Attenuation	2.3 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm
Insertion loss	≤ 0.4 dB	Return loss (attenuation)	≥ 30 dB
Bandwidth	500 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	50 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		