Data sheet

IE-FM5D2UE0100MSD0SD0X

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, SC duplex IP 20, SC duplex IP 20, 50 µm, PUR, 100 m
Order No.	8876431000
Type	IE-FM5D2UE0100MSD0SD0X
GTIN (EAN)	4032248799022
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	100 m	Length (inches)	3937.0079 inch
Net weight	3543.76 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	ec04f349-cafb-46cc-9534-fcea3a3ae46c

General standards

Connector standard	IEC 61754-4

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

Halogen	No	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		