

IE-FM6D2UE0005MSD0SD0X

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Assembled IE cables, FO breakout cable, multimode, SC duplex - SC duplex, black, Core diameter 62.5 µm

General ordering data

Version	Dragline cable, SC duplex IP 20, SC duplex IP 20, 62.5 µm, PUR, 5 m
Order No.	8876440050
Type	IE-FM6D2UE0005MSD0SD0X
GTIN (EAN)	4032248609932
Qty.	1 items

IE-FM6D2UE0005MSD0SD0X

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

ROHS	Conform
------	---------

Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	170 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	67cf1078-beca-4687-860b-dc475a6ec24a

General standards

Connector standard	IEC 61754-4
--------------------	-------------

Standards

Connector standard	IEC 61754-4
--------------------	-------------

Fibre-optic

Fibre type	GOF, Multimode, OM1	Attenuation	2.7 dB/km at 850 nm, ≤ 0.5 dB/km at 1300 nm
Insertion loss	≤ 0.4 dB	Return loss (attenuation)	≥ 30 dB
Bandwidth	200 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	62.5 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

Plug

Plug right	SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded	Plug left	SC-Duplex, IP20, male contact, straight, plug, Plastic, unshielded
------------	--	-----------	--

IE-FM6D2UE0005MSD0SD0X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Plug, left**

Plug left

SC-Duplex, IP20, male
contact, straight, plug,
Plastic, unshielded**Plug, right**

Plug right

SC-Duplex, IP20, male
contact, straight, plug,
Plastic, unshielded**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

IE-FM6D2UE0005MSD0SD0X

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Detailed drawing

