

**IE-FM5D2UE0001MSD0SD0X**

**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 50 µm

**General ordering data**

Version	Dragline cable, SC duplex IP 20, SC duplex IP 20, 50 µm, PUR, 1 m
Order No.	<a href="#">8876430010</a>
Type	IE-FM5D2UE0001MSD0SD0X
GTIN (EAN)	4032248609864
Qty.	1 items

## IE-FM5D2UE0001MSD0SD0X

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

www.weidmueller.com

## Technical data

## Approvals

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

## Dimensions and weights

Length	1 m	Length (inches)	39.3701 inch
Net weight	57 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, 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

## Plug

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

**IE-FM5D2UE0001MSD0SD0X**

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

[www.weidmueller.com](http://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-FM5D2UE0001MSD0SD0X**

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

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)

**Detailed drawing**

