

## IE-FM6C2UE0500MSD1SD1X

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

[www.weidmueller.com](http://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 IP 67 bayonet V01 metal, SC IP 67 bayonet V01 metal, 62.5 µm, PUR, 500 m
Order No.	<a href="#">1318015000</a>
Type	IE-FM6C2UE0500MSD1SD1X
GTIN (EAN)	4050118176018
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Length	500 m	Length (inches)	19685.0394 inch
Net weight	42800 g		

### Temperatures

Storage temperature	-55 °C...85 °C	Operating temperature	-40 °C...85 °C
Installation temperature	-55 °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

### 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	7.5–8 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	70 mm
Min. bending radius, once only	25 mm	Bending cycles	100,000

### Plug

Plug right	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded	Plug left	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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### Plug, left

Plug left	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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### Plug, right

Plug right	SC, IP67, male contact, straight, V1 Bayonett, plug, Zinc diecast, unshielded
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**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		

**Drawings**

**Detailed drawing**

