

## IE-FM6C2UE0180MSD1SD1X

**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, 180 m
Order No.	<a href="#">1318011800</a>
Type	IE-FM6C2UE0180MSD1SD1X
GTIN (EAN)	4050118139976
Qty.	1 items

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Length	180 m	Length (inches)	7086.6142 inch
Net weight	9300 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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**Technical data**

**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**



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## Accessories

## V0 material



SlimFix are conductor and cable markers with a space-saving design. The markers can be fitted even after the conductor has been installed. They consist of halogen-free material and comply with flammability rating V0/V2. SlimFix is an acknowledged and accredited marker type for traffic engineering applications. The SF tool allows easy installation, even in case of small markers.

## Advantages:

- Halogen-free material
- Flammability rating V0/V2
- Approved and accredited markers for traffic engineering applications, etc.
- Has to be fixed with cable ties if the conductor cross-section is larger than 16.0 mm<sup>2</sup>
- Markers in proven MultiCard format

## General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	<a href="#">1689470001</a>	SlimFix, Conductor and cable markers, 4.8 - 7.4 mm, 21 x 7.4 mm,
GTIN (EAN)	4008190872571	white
Qty.	160 ST	
Type	VT SF 6/21 MC NE WS V0	Version
Order No.	<a href="#">1730560001</a>	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 ST	