IE-FM6C2UE0100MSD1SD1X

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, 100 m
Order No.	1318011000
Type	IE-FM6C2UE0100MSD1SD1X
GTIN (EAN)	4050118127515
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	7700 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

Plug, left

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

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		

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Drawings

Detailed drawing
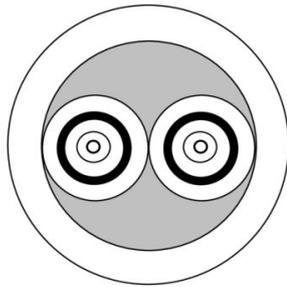
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Accessories

V0 material
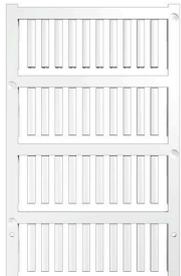
SlimFix are conductor and cable markers with a space-saving design. The markers can be fitted even after the conductor has been installed. They consist of halogen-free material and comply with flammability rating V0/V2. SlimFix is an acknowledged and accredited marker type for traffic engineering applications. 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 mm²
• Markers in proven MultiCard format

General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	1689470001	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.	1730560001	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 ST	