

IE-C6EB8BV0003XCAXXX-X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled IE cables, railway cable, Cat.7, violet, M12

General ordering data

Order No.	2912210003
Type	IE-C6EB8BV0003XCAXXX-X
GTIN (EAN)	4099987981095
Qty.	1 items

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Technical data

Dimensions and weights

Length	13 m	Length (inches)	511.811 inch
Net weight	41 g		

Cable specific standards

Fluorine content	According to EN-50267-2-1	Flames propagate vertically on bundled cables	EN 60332-3-25
Fire safety for railway vehicles	According to EN 45545, HL1 - HL3, NFPA 130	Impervious to smoke	EN 61034-2

Electrical properties

Insulation resistance	≥ 100 MΩ	Nominal voltage	125 V
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General standards

Connector standard	IEC 61076-2-109
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Cable structure

Strands	7	Sheathing colour	violet
Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm ²	Shielding	S/FTP
Number of wires	8	Insulation cross-section	1.05 mm
Insulation	PE	Sheath diameter, max.	6.8 mm
Sheath diameter, min.	6.4 mm	Material sheath	Polyolefine, molecularly interlinked
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue	Sheathing material thickness	0.65 mm

Electrical properties of cable

Rated voltage (AC)	50 V	Rated voltage (DC)	60 V
Insulation resistance	≥ 100 MΩ	Category	Cat. 6
Coupling attenuation (up to 1000 MHz)	90 dB	Shield attenuation (up to 1000 MHz)	60.00 dB
Characteristic impedance	100 ± 5 Ω at 100MHz		

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811:404	Halogen	No
Min. bending radius, once only	6 *diameter	Abrasion resistance	very good
Resistance to spread of flame	in accordance with IEC 60332-1-2	Impervious to smoke	EN 61034-2

Plug, left

Plug left	M12, X-coded, IP67, male contact, angled 0°, plug, Plastic, shielded
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Plug, right

Plug right	Free conductor end
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Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		