

IE-C6GB8BV0050XCSXCS-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

Version	System cable, M12 X-type IP 67 straight male, M12 X-type IP 67 straight male, Cat. 6, Polyolefine, molecularly interlinked, 5 m
Order No.	3174630050
Type	IE-C6GB8BV0050XCSXCS-X
GTIN (EAN)	4099987855839
Qty.	1 items

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Technical data

Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	175 g		

Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	
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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, in accordance with IEC 60332-1-2, EN 61034-2, EN 50305, According to NFPA 130		

Electrical properties

Insulation resistance	≥ 100 MΩ		
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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*AWG24/7 - 4*2*0.2 mm ²	Shielding	S/FTP
Number of wires	8	Insulation cross-section	1.45 mm
Sheath diameter, max.	8.3 mm	Sheath diameter, min.	7.9 mm
Material sheath	Polyolefine, molecularly interlinked	Wire pair shielding	Plastic foil
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue		

Electrical properties of cable

Rated voltage (AC)	50 V	Rated voltage (DC)	60 V
Insulation resistance	≥ 100 MΩ	Category	Cat. 6

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811:404	Halogen	No
Min. bending radius, repetitive	6 * diameter	Min. bending radius, once only	5 x cable diameter
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1-2, EN 60332-3-25

Plug, left

Plug left	M12, X-coded, Number of poles: 8, IP67, male		
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www.weidmueller.com**Technical data**contact, straight, plug,
Plastic, shielded**Plug, right**

Plug right

M12, X-coded, Number
of poles: 8, IP67, male
contact, straight, plug,
Plastic, shielded**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

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Drawings

Wiring

M12	1	White, Orange	1	M12
	2	Orange	2	
	3	White, Green	3	
	4	Green	4	
	5	White, Brown	5	
	6	Brown	6	
	7	White, Blue	7	
	8	Blue	8	

Pinning

