

## IE-C6KS8VG0050XCSXXX-E

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

[www.weidmueller.com](http://www.weidmueller.com)



Assembled IE cables, PROFINET, Cat 6 A, PVC, green,  
M12 X-type

### General ordering data

Version	Connecting line, M12 X-type IP 67 straight male, Open, Cat.6A / Class EA (ISO/IEC 11801 2010), PVC, 5 m
Order No.	<a href="#">1449470050</a>
Type	IE-C6KS8VG0050XCSXXX-E
GTIN (EAN)	4050118264197
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	407.44 g		

### Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-40 °C...80 °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

### Cable specific standards

Standard, assembly	UL-Style 246 1
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Standard, assembly	UL-Style 246 1
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### Cable structure

Sheathing colour	green (RAL 6018)	Cross-section	4*2*AWG 23/7
Shielding	S/FTP	Insulation cross-section	1.58 mm
Sheath diameter, max.	8.8 mm	Material sheath	PVC
Colour sequence or wires - wire pairs	white/blue - blue, white/ orange - orange, white/ green - green, white/ brown - brown		

### Electrical properties of cable

Transmission rate	10 Gbit/s	Category	Cat.6A / Class EA (ISO/ IEC 11801 2010)
Test voltage: wire-wire-shield	800 Veff, 50 Hz, 1 min		

### Mechanical and material properties of cable

Pulling force	≤ 150 N	Halogen	Yes
Min. bending radius, repetitive	8 x cable diameter	Min. bending radius, once only	4 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1-2		

### Plug, left

Plug left	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded
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**Technical data****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		

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**Drawings**

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

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