

## IE-C6KS8VG0050XCSXCS-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, M12 X-type IP 67 straight male, Cat.6A / Class EA (ISO/IEC 11801 2010), PVC, 5 m
Order No.	<a href="#">1398070050</a>
Type	IE-C6KS8VG0050XCSXCS-E
GTIN (EAN)	4050118199567
Qty.	1 items

## IE-C6KS8VG0050XCSXCS-E

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

www.weidmueller.com

## Technical data

## Approvals

ROHS	Conform
------	---------

## Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	327 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
--------------------	----------------

## Standards

Standard, assembly	UL-Style 246 1
--------------------	----------------

## 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
-----------	---

**IE-C6KS8VG0050XCSXCS-E**

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

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

**Technical data****Plug, right**

Plug right	M12, X-coded, 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		

**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**

