

**Industrial Ethernet
IE-C6KS8VG0050XCSXCS-E**

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

General ordering data

Type	IE-C6KS8VG0050XCSXCS-E
Order No.	1398070050
Version	Connecting cables, M12 X-type IP 67 straight male, M12 X-type IP 67 straight male, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), PVC, 5 m
GTIN (EAN)	4050118199567
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	5 m	Length (inches)	0.197 inch
Net weight	327 g	Insulation cross-section	1.58 mm

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage temperature	-40 °C...80 °C
Installation temperature	-40 °C...80 °C		

Standards

Standard, assembly	UL-Style 2461
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Cable structure

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

Electrical properties of cable

Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Test voltage: wire-wire-shield	800 V _{rms} , 50 Hz, 1 min
Speed	10 GBit/s		

Mechanical and material properties of cable

Min. bending radius, once only	4 *diameter	Min. bending radius, repetitive	8 *diameter
Pulling force	≤ 150 N	Speed	10 GBit/s
Resistance to spread of flame	in accordance with IEC 60332-1-2		

plug

Connector left	M12 X-type IP 67 straight male	Connector right	M12 X-type IP 67 straight male
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Classifications

ETIM 5.0	EC000748	ETIM 6.0	EC002599
eClass 6.2	27-06-03-90	eClass 7.1	27-06-03-90
eClass 8.1	27-06-03-90	eClass 9.0	27-06-03-90
eClass 9.1	27-06-03-08		

Approvals

ROHS	Conform
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Data sheet

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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

