



Data Sheet	2171300
IE-EC-5-M8-S-...-Y-2-26-7-M8-S	Valid from: 15.11.2013

Description

Patch cord for Industrial Ethernet,
2pair, AWG26/7 (stranded wire), Cat.5 acc. to EN 50288-2-1,
PVC, straight M8 male A-coded
on straight M8 male A-coded,
Length (L*) see table (see sketch)

Article number	Article description	Length (L*)
2171300	IE-EC-5-M8-S-0,5-Y-2-26-7-M8-S	0,5
2171301	IE-EC-5-M8-S-1-Y-2-26-7-M8-S	1
2171302	IE-EC-5-M8-S-2-Y-2-26-7-M8-S	2
2171303	IE-EC-5-M8-S-3-Y-2-26-7-M8-S	3
2171304	IE-EC-5-M8-S-5-Y-2-26-7-M8-S	5
2171305	IE-EC-5-M8-S-7-Y-2-26-7-M8-S	7
2171306	IE-EC-5-M8-S-10-Y-2-26-7-M8-S	10
2171307	IE-EC-5-M8-S-15-Y-2-26-7-M8-S	15
2171308	IE-EC-5-M8-S-20-Y-2-26-7-M8-S	20

Mechanical characteristics Assembling

Number of contacts	4
Number of connectors	2
Shielding	Yes
Mating cycles	≤ 100
Cable outlet	straight

General characteristics cable

design

Article number of cable	2170430
conductor	stranded bare copper wire, 26AWG; 0,14 mm ² (7 x 0,16)
Insulation	foam-skin Polyethylene, core diameter 1,0 mm
Core identification code	pair 1 white/orange - orange pair 2 white/green - green
Stranding	cores twisted to pairs, pairs twisted to cable core
Screening	aluminium laminated plastic foil braid of tinned copper wires, coverage 85 % ± 5
Outer sheath	PVC, green similar to RAL6018 outer diameter approx. 4,8 mm

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Mechanical and thermal properties

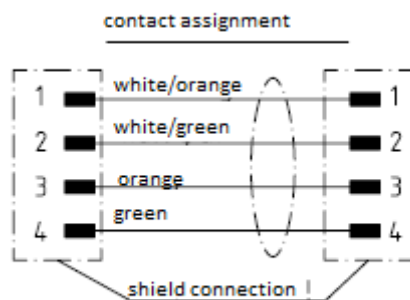
UV resistant
Tensile strength $\leq 80\text{N}$

temperature rating (static) : -30°C up to $+80^{\circ}\text{C}$
temperature rating
(non continuous movements) : -20°C up to $+60^{\circ}\text{C}$
Min. bending radius allowed : repeated $8 \times \varnothing$, single $4 \times \varnothing$

General characteristics connector

standards	M8-connector acc. to IEC 61076-2-101
coding	A - Standard
Protection class	IP67 after assembly
Status display	no

Technical drawings



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