

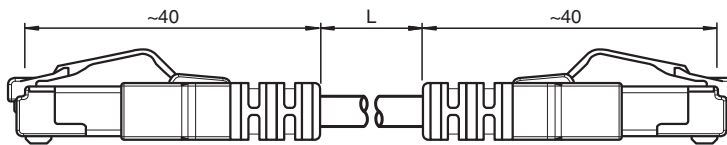
## Connection cable, Ethernet V45-G-C6-GN1M-PUR-E2S-V45-G

- Hard-wearing PUR cable
- Industrial Ethernet
- UL listed for USA and Canada
- Halogen-free
- Immunity to vibration, with mechanical latching

Ethernet bus cable RJ45 plug straight to RJ45 plug straight Ethernet-coded, 8-pin, PUR cable green, Cat6A, pairs shielded and overall shield



### Dimensions



### Technical Data

#### General specifications

Connector 1			
Connection		plug	
Construction type		RJ45	
Style		straight	
Locking		snap locking	
Number of pins		8	
Coding		EIA/TIA 568 B	
Connector 2			
Connection		plug	
Construction type		RJ45	
Style		straight	
Locking		snap locking	
Number of pins		8	
Coding		EIA/TIA 568 B	
UL File Number		E520112	
<b>Electrical specifications</b>			
Operating voltage	$U_B$	max. 50 V AC / 60 V DC	
Operating current	$I_B$	max. 1 A	
<b>Conformity</b>			
Degree of protection		EN 60529	
Fieldbus standard		IEEE 802.3an 10GBASE-T	
Plug connection		connector RJ45 : IEC 60603-7	

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## Technical Data

Component category	CAT6A (IEC 11801, EN 50173)	
Flammability	IEC 60332-1-2 , UL 1581	
<b>Ambient conditions</b>		
Ambient temperature		
Cable, fixed installation	-40 ... 85 °C (-40 ... 185 °F)	
Cable, flexing	-10 ... 60 °C (14 ... 140 °F)	
Pollution degree	3	
<b>Mechanical specifications</b>		
Plug connector		
Loosening protection	integrated	
Mating cycles	min. 750	
Shielding	shield connected to connector	
Degree of protection	IP20	
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5	
Sheath diameter	6.2 mm	
Bending radius	max. 50 mm movable installation max. 25 mm fixed installation	
Sheath color	green (similar to RAL 6018)	
Number of cores	8	
Core cross section	0.14 mm <sup>2</sup>	
Cores color	Core 1: white/orange Core 2: orange Core 3: white/green Core 4: blue Core 5: white/blue Core 6: green Core 7: white/brown Core 8: brown	
Core construction	7 x 0.404 mm Ø twisted pairs , twisted pair shield	
Shield	tinned copper braiding twisted pair shield : aluminum-lined polyester foil	
Length	L	1 m
Cable code	Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)	
Mass	60.4 g	
<b>Material</b>		
Halogen-free	yes	
Plug connector		
Body	PC	
Contact surface	Ni/Au	
Flammability	V-0	
Cable		
Sheathing	PUR	
Cores	bare copper (Cu)	
Core insulation	PE	
UV resistance	yes	
Oil resistance	yes	
Flammability	FT1	

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## Connection

