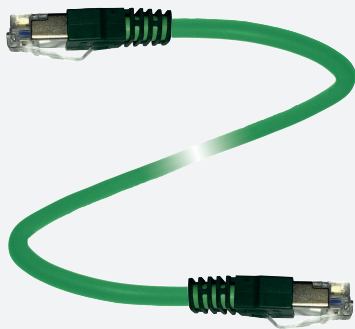




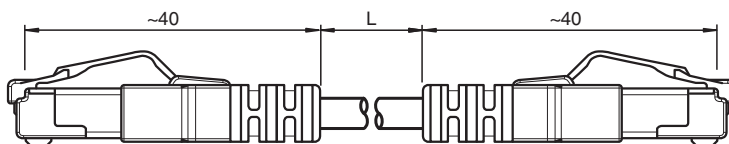
Connection cable, Ethernet V45-G-C6-GN5M-PUR-E2S-V45-G

- 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	

Electrical specifications

Operating voltage	U_B	max. 50 V AC / 60 V DC
Operating current	I_B	max. 1 A

Conformity

Degree of protection		EN 60529
Fieldbus standard		IEEE 802.3an 10GBASE-T
Plug connection		connector RJ45 : IEC 60603-7

Release date: 2023-07-04 Date of issue: 2023-07-04 Filename: 70109017_eng.pdf

Technical Data

Component category	CAT6A (IEC 11801, EN 50173)	
Flammability		IEC 60332-1-2 , UL 1581
Ambient conditions		
Ambient temperature		
Cable, fixed		-40 ... 85 °C (-40 ... 185 °F)
Cable, flexing		-10 ... 60 °C (14 ... 140 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Loosening protection		available
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 active max. 25 mm fixed
Sheath color		green (similar to RAL 6018)
Number of cores		8
Core cross section		0.14 mm ²
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	5 m
Cable code		Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7)
Material		
Halogen-free		yes
Plug connector		
Body		PC
Contact surface		Ni/Au
Flammability		V-0
Cable		
Sheathing		PUR
Core insulation		PE
UV resistance		yes
Oil resistance		yes
Flammability		FT1

Connection

