



Product: [RSTS 8X-RJ45F G-S478](#)

Cable assembly, 8-pin X-code, Straight / Female RJ45 with Cover, IP67, 4 Pair, Shielded, Cat6a, TPE, 0.5 M (1.64 ft), 26 AWG

Product Description

Cable assembly, 8-pin X-code, Straight / Female RJ45 with Cover, IP67, 4 Pair, Shielded, Cat6a, TPE, 0.5 M (1.64 ft), 26 AWG

Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Voltage Rating:	50 VAC / 60V DC
Operating Voltage:	50 V AC / 60 V DC
Rated Current (UL)*:	0.5 A
Data Transmission Type:	Gigabit Ethernet Cat7
Data Transmission Rate:	10 Gbit/s

Technical Data Side 1

Side 1 Product Sub Family:	M12 Standard
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw
Number of Pins:	8
Coding, Side 1:	X
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C to + 70 °C
Design Standard:	IEC 61076-2-109
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	Brass
Side 1 Contact Plating:	Au over Ni
Flammability Class (Contact Bearer):	UL 94 V-0
Molded Body Material:	PUR
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 V-0
Attachment Material:	Brass
Attachment Plating:	Nickel-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

Cable Data

Cable Number:	S478
Conductor Size:	26 AWG

Number of Wires:	8
Minimal Bending Radius (Fixed Inst):	> 30 mm
Minimal Bending Radius (Flexible Inst):	> 65 mm
Conductor Material:	Cu
Cable Jacket Material:	TPE
Cable Jacket Color:	Teal
Cable Diameter D:	ø 6.80 mm
Wire Insulation Material:	PE
Insulated Wire Diameter:	ø 1.05 ± 0.05 mm
Overall Shield (Cable):	Cu-ETP1 tinned
Ambient Temperature (Fixed Installation):	- 40 °C - + 80 °C
Ambient Temperature (Flex Installation):	- 40 °C - + 80 °C
Flammability Class (Cable Jacket):	IEC 60332-1-2
Core Colors:	Twisted pairs: white & blue, white & orange, white & green, white & brown

Technical Data Side 2

Side 2 Type of Contact/Gender:	Female
Connector Design, Side 2:	Straight
Ambient Temperature (Operation), Side 2*:	- 40 °C to 70 °C
Protection Degree / IP Rating, Side 2**:	IP20
Contact Base Material, Side 2:	Phospher Bronze
Contact Plating, Side 2:	Au over Ni
Housing Material, Side 2:	Clear Polycarbonate
Attachment Plating, Side 2:	Gold plating in contact area

History

Update and Revision:	Revision Number: 0.7 Revision Date: 10-27-2025
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