

# Ethernet Cable Assembly RJ45

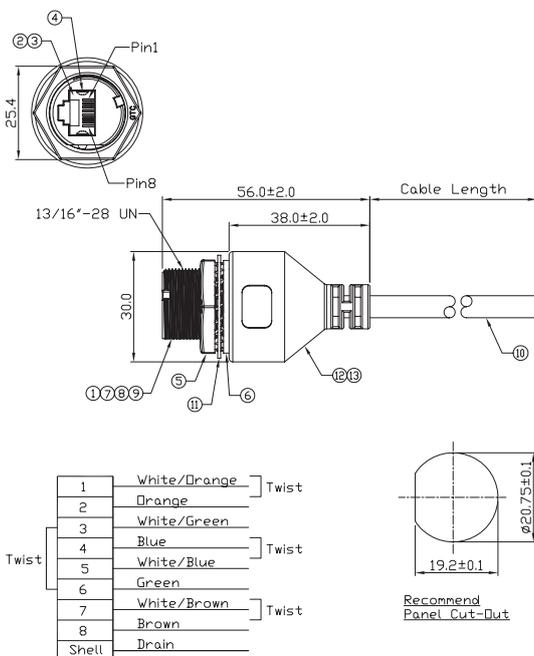
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**RoHS  
Compliant**

## Specifications

Current Rating	: 1.5A
AWG Gauge	: 24 AWG / 26 AWG
Temperature Range	: -40°C to +105°C
Insulation Resistance	: DC500V ±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstanding Voltage	: 1000V DC/AC peak, contact-to-contact, for 1 minute. 1500V DC/AC peak, contact-to-test panel or contact-to-shield for 1 minute.
Contact Resistance	: 20mΩ at 10mA Max.
Waterproof Rate	: IP68
Recommend Panel Thickness	: 0.8mm to 4mm
Recommend Torque	: 14 to 15 Kgf-cm

## Diagram



No.	Part Name	Material / Finish	Qty.
1	Housing	Zn Alloy; Finished: Ni Plated	1
2	RJ45 Receptacle	Contacts: Copper Alloy; Finish: Au Plated	
		Housing: Thermoplastic; Colour: Grey	
3	Holder	Thermoplastic; Colour: Black	2
4	EMI Shielded Plate	Copper Alloy; Finish: Ni Plated	
5	Hex Nut	Zn Alloy; Finished: Ni Plated	1
6	Gasket	Silicone; Colour: Black	
7	Pin Header	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy; Finish: Au Plated	
8	PCB	FR-4; Colour: -	2
9	Glue	Epoxy; Colour: Black	
10	Cable	CAT5e 24AWG×4P+AL/MY+D, OD: 6mm; Colour: Black	1
11	Washer	Stainless; Finish: -	
12	Inner Mold	Thermoplastic; Colour: Black or White	
13	Over Mold	PVC; Colour: Black	

## Part Number Table

Description	Cable Length	Part Number
RJ45 Metal C3 Shielded Cable to Cable Jack Screw, Cat5e	2m	MP011928
	5m	MP011929

Dimensions : Millimetres

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