

Notes:

1. Electrical Specifications:

- Meets EIA/TIA-568-B.2-10 Cat.6A Channel Specification
- Contact Resistance: 20mOhm max.
- Insulation Resistance: 500MOhm min. @ 100 VDC
- Current Rating: 1.2A max. at 25°C
- Working Voltage: 100 VDC
- DWV: 1000 VDC/60s Contact to Contact, 1500 VDC/60s Contact to Metal Shell
- Operating Temperature: -40°C to +85°C

2. Material and Finish:

- HEX M28 Thread Metal Coupling Ring: Brass, Nickel Plated
- Plug Housing: Metallized ABS, UL94 V-0, or Zinc Die-Cast, Nickel Plated
- Interfacial Seal: Silicon, Color: White
- Cable Fitting: Brass, Nickel Plated
- Cable Fitting Rubber Ring: NBR, Color: Black
- Cat.6A RJ45 Plug Metal Shell: Copper Alloy, Nickel Plated
- Cat.6A RJ45 Plug Plastic Housing: Clear Polycarbonate UL94 V-2
- Cat.6A RJ45 Plug Contacts: Phosphor Bronze, Finish: 50u" Gold min. over Nickel


3. Cat.6A RJ45 Plug accepts both Stranded and Solid wires with Cable Outer Diameter of 4.83mm to 6.73mm

4. Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm

5. RoHS compliant

6. IP67 rated when fully mated with appropriate mating connector

Directive 2002/95/EC RoHS Compliant

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	Name	Title	Approval Date	0	PLC ±0.50		Autodesk Inventor	Material: See Notes	
				1	PLC ±0.38				
				2	PLC ±0.25				
				3	PLC ±0.10				
				ANGLES ±3°					
				2011	Date	Name	Title: RJ45 Plug Kit with shielded Cat. 6A RJ45 Plug HEX M28 Thread Metal Version		
				Draw.	Jul. 06	Vincent Ke			
				Appd.	Jul. 06	J. Chaudry			
				Norm					
							Drawing No.: 17K1A280		DIN A3
	a	original					Part No.: 17-150754		Sheet 1/1
	Rev.	Changes	Date	Name					

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