



**Notes:**

- 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
- Material and Finish:
  - 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
- Cat.6A RJ45 Plug accepts both Stranded and Solid wires with Cable Outer Diameter of 4.83mm to 6.73mm
- Cable Gland accepts Cable Outer Diameter Range of 4.5mm to 8mm
- RoHS compliant
- 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	1 PLC ±0.38		Autodesks Inventor	Material: See Notes		
				2 PLC ±0.25	3 PLC ±0.10	Title: RJ45 Plug Kit with shielded Cat. 6A RJ45 Plug M28 Thread Metal Version				
				ANGLES ±3		2011		Date	Name	
						Draw.	Jul. 06	Vincent Ke		
						Appd.	Jul. 06	J. Chaudry		
						Norm				
						D-old				
	a	original							Drawing No.: 17K1A270	DIN A3
	Rev.	Changes	Date	Name	Part No.: 17-150274				Sheet 1/1	