

0A58RPOE0 Technical Specification

Category 5E 180 Degree UTP Keystone Jack

Rev. 171117

Liberty's 0A58RPOE0 Keystone compliant Category 5E jack is a fully compliant component of any data networking link. The unit is a 180 degree format, the cable exits straight out the back of the unit. This fits any keystone compliant port on a plate or panel. This unit features a 750 mating minimum lifecycle and 50µ inch gold plating on the contacts.

The 0A58RPOE0 features Krone/Universal 110 block IDC contacts and can be punched down with any Krone or 110 Blade. Liberty offers a special cut and crimp tool, part Number EHT040, that seats and cuts the conductors Simultaneously.

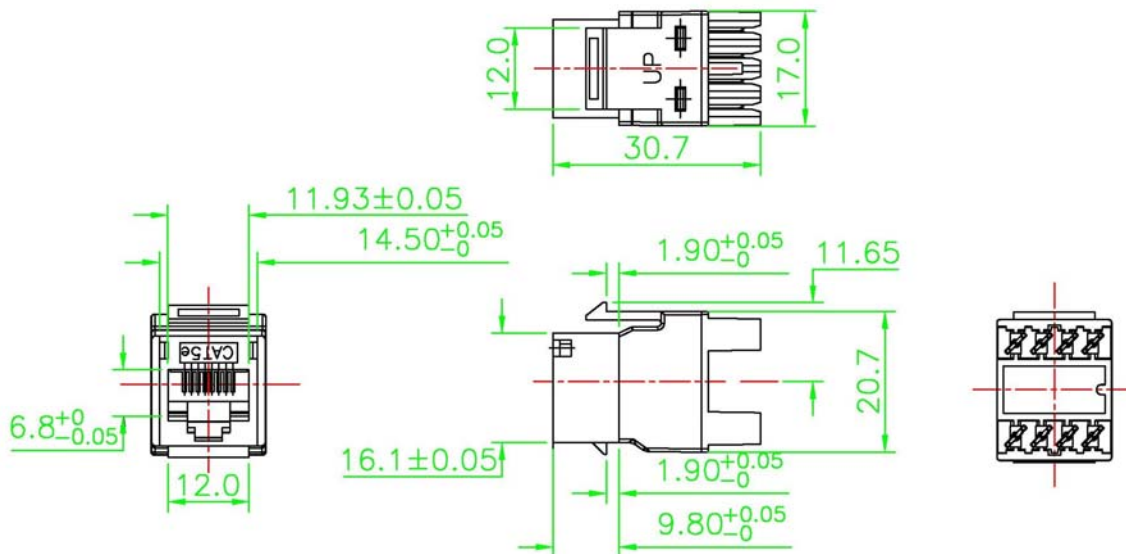
This unit is UL listed under the Communication Circuit Accessories file number E135640 under model number AR-8KRPe.

Key Features:

- UL Listed
- ANSI/TIA-568-C.2.1 Category 5E
- Krone/110 Universal IDC
- Quick Crimp/Cut Tool option
- 180 Degree Format

Key Applications:

- 10/100/1000BaseT Ethernet
- Digital Multimedia patching
- Convenience Outlets
- VoIP, POTS Telecommunications
- Industrial Control patching



Technical Specifications	
I/O Connections	
Networking	Female 8P8C RJ45, Unshielded
Infrastructure	Dual 110/Krone IDC punch down block
Electrical Specifications	
Insulation Resistance	≥ 500MΩ
Dielectric Withstanding Voltage	100VAC RMS 60Hz
Contact Resistance	≤ 20mΩ
Current Rating	1.5A @ 68°F (20°C)
Mechanical Specification	
Plug Insertion Life	≥ 750 Mating Cycles
Contact Force	99.2g (3.5 oz) FCC Plug
Plug Retention Force	30 Lb (133n/13.3Kg)
Temperature Test	-40°F to 150°F (-40°C to 66°C)
Physical Specification	
Body Material	Polycarbonate and ABS, UL94V0
Contact and Plating	Phosphor Bronze with 50μ" Gold Plating over contact area
Environmental Requirements	
Operating Temperature	0° to +75° C (+32° to +167° F)
Operating Humidity	20% to 85%, Non-condensing
Storage Temperature	-20° to +80° C (0° to +176° F)
Power and Regulatory	
Regulatory	Communication Circuit Accessories, UL File E135640 Model A5-8KRPe, FCC Part 68
Performance	ANSI/TIA-568-C.2 Category 5E

Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.

Part Matrix	
Item Number	Description
0A58RP0E0-BL	Category 5E RJ45 Jack, Keystone Format 180° Blue Body
0A58RP0E0-WH	Category 5E RJ45 Jack, Keystone Format 180° White Body
EHT040	Crimp & Cut Tool for 180° Category 5E and 6 Keystone Jacks (Optional, not required)

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