

# Clarity Cat6a Panel Jack, T568A/B, 8 pos, Orange 180 degree

OR-PJ6A-43



Clarity 6A patch panel jacks, rear load into patch panels and exceed Category 6a component specifications. Rear load positive latch design, secures mounting of the jack into the patch panel. Universal T568A/B wiring label and tapered wiring towers simplify termination.

## features & benefits

- **Exceeds Category 6a component standard:** Ensures standards compliance.
- **New positive jack latching design:** Secures mounting of jacks into panel.
- **Easy to follow universal wiring label that supports T568A and T568B wiring schemes:** Quick and user-friendly, eliminates confusion.
- **Panel Jack footprint:** Allows high density panel applications.
- **Icon compatible:** Supports 606 designation requirements.
- **RoHS compliant:** Lead free.



## specifications

### General Info

Category Performance Application: Category 6a/UTP  
Color: Orange  
Color Cable Jacket: Yes  
Footprint: Panel Jack  
Mod Jack Wiring: Universal T568A/B

### Listing Agencies/Third Party Information

CUL Listing No: E131600  
ETL Listing No: 100369245CRT-001E  
ETL Standard: Yes  
FCC Standard: Yes

UL Listing No: E131600

UL Standard: Yes

### **Construction Information**

Component1: Plastic Panel Jack Housing

Component2: Array of eight modular quad reactance Category 6a contacts

Component3: IDC contacts (Low noise)

Component4: Printed circuit board

Finish Plating2: Nickel plating and a minimum of 50 micro inches of selective gold plating in contact area

Finish Plating3: Nickel plating with tin over plate

Material1: High Impact Thermoplastic ABS 94V-0

Material2: Beryllium copper

Material3: Phosphor bronze

Material4: Two-sided FR-4 epoxy resin/glass base with solder mask

### **Dimensions**

Cable Diameter Range: 22-25 AWG

Depth Metric: 27.94 mm

Depth U S: 1.10 in

Height Metric: 22.6 mm

Height U S: .89 in

Width Metric: 14.22

Width U S: 0.56 in

### **Technical Information**

Category Rating: Category 6a

Performance Rating: Category 6a

Wire Gauge: 22-25 AWG