

## CLARITY CAT6A HIGH DENSITY JACK, T568A/B, GREEN

OR-HDJ6A-45 | [Ortronics](#)



### FEATURES & BENEFITS

Clarity 6A High Density Jack, ETL verified to TIA Category 6a component specification. Rear-loading, 180° exit, 8 position. Quick and easy lacing cap termination. Universal T568A/B wiring label. Center tuned to Clarity 6A/10G patch cords for optimum performance.



RoHS



PRODUCT  
ENVIRONMENTAL PROFILE

- **ETL Verified to Category 6a component standard:** Ensures standards compliance.
- **Center tuned 6a design:** Transparent interface with Clarity 6A cords.
- **Easy lace wiring cap** reduces wiring time.
- **Easy to follow universal wiring label:** Quick and user-friendly, eliminates confusion.
- **New High density footprint :** supports 48 port 1RU panel applications
- **Rear loading:** preferred mounting for panels.
- **Exceeds amperage requirements for 802.3af, 802.3at and pending 802.3bt PoE standards :** Supports current and future PoE power levels.
- **Icon compatible, C6A marking on jack face:** Supports 606 designation requirements.
- **RoHS compliant:** Lead free.

### SPECIFICATIONS

#### GENERAL INFO

Color: Green

Footprint: High Density Jack (HDJ)

Number Of Ports: 1

Performance Category: Cat 6a component compliant

Product Series: Clarity

Type: Jacks and Modules, Patch Panels

#### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Compliant

CUL Listing No: E131600

ETL Listed: Yes

FCC Standard: Yes  
UL Listing No: E131600  
UL Standard: UL1863

## CONSTRUCTION INFORMATION

Component 1: Plastic HDJack Housing  
Component 2: Array of eight modular Quad Reactance Cat6a contacts for optimum high frequency performance.  
Component 3: Compact IDC contacts lower EMI  
Component 4: Printed circuit board  
Finish Plating 2: Nickel plating and a minimum of 50 micro inches of selective gold plating in contact area  
Finish Plating 3: Nickel plating with tin over plate  
Material 1: High Impact Thermoplastic PC 94V-0  
Material 2: Beryllium copper  
Material 3: Phosphor bronze  
Material 4: Two-sided FR-4 epoxy resin/glass base with solder mask

## DIMENSIONS

Depth (Metric): 40.89 mm  
Depth (US): 1.37"  
Height (Metric): 21.34 mm  
Height (US): 0.84"  
Width (Metric): 16.00 mm  
Width (US): .63"

## TECHNICAL INFORMATION

Category Rating: Cat 6a component compliant  
OhmValue: 100 Ohm  
Performance Rating: Cat6a  
Wire Gauge: 22-26 AWG solid conductors