



CLARITY CAT6 HIGH DENSITY JACK, T568A/B, GREEN

OR-HDJ6-45 | [Ortronics](#)

FEATURES & BENEFITS

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



PRODUCT
ENVIRONMENTAL PROFILE

- **ETL Verified to Category 6 component standard:** Ensures standards compliance.
- **Center tuned design:** Transparent interface with Clarity 6 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 6 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 dual reactance Cat6 contacts.
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 6 component compliant
OhmValue: 100 Ohm
Performance Rating: Cat6
Wire Gauge: 22-26 AWG solid conductors