

## FEATURES & BENEFITS

Clarity 6 Modular Patch Cord, orange, 7', Category 6, four-pair UTP stranded 24 AWG PVC/CM, center tuned with Clarity 6 connecting hardware for optimum Category 6 installed performance using Ortronics Paralign 2 pair-positioning technology

## SPECIFICATIONS

### GENERAL INFO

Cable Type: Four-pair stranded UTP non-plenum  
 Color Cable Jacket: Orange  
 Performance Category: Cat 6 component compliant  
 Termination: 8-Pos Mod  
 Typical Applications: IEEE 802.3 1000Base-T (Gigabit Ethernet), TIA/EIA-854 1000Base-TX, ATM CB1G  
 Product Series: Clarity  
 Type: Patch Cords and Cables

### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes  
 ETL Listing No: 3013270-006  
 ETL Listed: Yes  
 FCC Standard: Yes

### CONSTRUCTION INFORMATION

Component 1: Cable  
 Component 2: Eight-position plug assembly  
 Component 3: Modular plug IDC contacts  
 Component 4: Paralign 2 pair segregation and strain relief  
 Finish Plating 3: 50 Micro inch elective gold plating over nickel  
 Material 1: 24 AWG bare copper stranded conductors, PVC insulation, PVC jacket  
 Material 2: Polycarbonate plug housing and conductor positioning sled  
 Material 3: Phosphor-bronze contacts  
 Material 4: Molded Polypropylene Copolymer

### DIMENSIONS

Diameter (Metric): 7.5 mm  
 Diameter (US): 0.29"  
 Length (Metric): 2.13 m

## Product Photo



### CORD INFORMATION

Connector Type End One: Plug, HSG, eight-contact, RJ45, high performance  
 Connector Type End Two: Plug, HSG, eight-contact, RJ45, high performance  
 Jacket Rating: CM  
 Cord Length US: 7'  
 Min Bend Radius: 1.00"  
 Pinning: Straight 1-1, 2-2, 3-3, etc.

### TECHNICAL INFORMATION

Category Rating: Cat 6 component compliant  
 OhmValue: 100 Ohm  
 Performance Rating: Cat6  
 Sort Termination: 3  
 Wire Gauge: 24 AWG

- ETL third party tested and verified to TIA/EIA 568B.2-1 Category 6 component specifications: Ensures Category 6 component performance.
- Each cord is factory tested: Ensures every cord shipped meets Category 6 component specifications.
- Center tuned technology: Elevates the performance of Clarity 6 connector union.
- Paralign 2 pair-positioning technology: Maintains pair integrity through the plug termination allowing mating hardware to be designed/tuned to these cords.
- Snagless plug design: Protects plugs when pulling through pathways or cable managers.
- Premium conductor cordage: Reliable performance and durable cord life.
- Compatible with both T568A and T568B wiring: Provides universal wiring ability.
- Improved signal to noise ratio: More transparent signal path is field measurable in a link or channel.
- Backwards compatible to Category 3, 5, and 5e: Supports lower category installations and components.



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Title

Ortronics Clarity 6 Modular Patch  
 Cable-Orange- 7FT

Part Number

MC607-03

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters