

## Clarity 6 Modular Patch Cord, 5', yellow

OR-MC605-04



Clarity 6 Modular Patch Cord, yellow, 5', 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

### features & benefits



- **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.

### specifications

#### General Info

Cable Type: Four-pair stranded UTP non-plenum

Color Cable Jacket: Yellow  
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 Information**

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

### **Construction Information**

Component1: Cable  
Component2: Eight-position plug assembly  
Component3: Modular plug IDC contacts  
Component4: Paralign 2 pair segregation and strain relief  
Finish Plating3: 50 Micro inch elective gold plating over nickel  
Material1: 24 AWG bare copper stranded conductors, PVC insulation, PVC jacket  
Material2: Polycarbonate plug housing and conductor positioning sled  
Material3: Phosphor-bronze contacts  
Material4: Molded Polypropylene Copolymer

### **Dimensions**

Diameter Metric: 7.5 mm  
Diameter U S: 0.29"  
Length Metric: 1.52 m

### **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 Color: Yellow  
Jacket Rating: CM  
Cord Length U S: 5'  
Min Bend Radius: 1.00"  
Pinning: Straight 1-1, 2-2, 3-3, etc.

### **Technical Information**

Category Rating: Cat6  
Ohm Value: 100 Ohm  
Performance Rating: Cat6  
Sort Termination: 3  
Wire Gauge: 24 AWG

### **Buy American Act Compliance**

Country of Origin: MEXICO  
Buy American Act Status: Trade Agreement Act Compliant