



## CLARITY 5E MODULAR PATCH CORD, 5', GRAY

OR-MC5E05-08 | [Ortronics](#)

### FEATURES & BENEFITS

Clarity 5E Premium Category 5e Modular Patch Cord, gray, 5', Category 5e, four-pair UTP stranded 24 AWG PVC/CM, center tuned with Clarity 5E connecting hardware for optimum Category 5e installed performance using Ortronics Paralign 2 pair-positioning technology.



**PRODUCT**  
ENVIRONMENTAL PROFILE

- **ETL third party tested and verified to TIA/EIA 568B.2 Category 5e component specifications:** Ensures Category 5e 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: Gray

Performance Category: Cat 5e component compliant

Termination: 8-Pos Mod

Typical Applications: 10Base-T, 100Base-TX, 1000Base-T, 1000Base-TX, 155 Mb/s ATM, 1 Gb/s ATM (CB1G)

Product Series: Clarity

Type: Patch Cords and Cables

#### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes  
ETL Listing No: COC 5e PATCH CORD  
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): 7.1 mm  
Diameter (US): 0.28"  
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 Rating: CM  
Cord Length US: 5'  
Min Bend Radius: 1.00"  
Pinning: Straight 1-1, 2-2, 3-3, etc.

## TECHNICAL INFORMATION

Category Rating: Cat 5e component compliant  
OhmValue: 100 Ohm  
Performance Rating: Cat5e  
Sort Termination: 3  
Wire Gauge: 24 AWG

## BUY AMERICAN ACT COMPLIANCE

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

