

## Clarity 6 110/Mod 8 Patch Cord, Category 6, 9'

OR-MC18B609-06



Clarity 6 Patch Cord, Category 6, modular 8-position to 110. Cord is terminated on one end with a male 110 plug with internal signal feedback technology, which reduces crosstalk without compromising impedance. The other cord end is terminated with an 8-position modular plug with Ortronics Paralign 2 pair isolation technology.

### features & benefits

- **Each cord is factory tested:** Ensures every cord shipped meets Category 6 component specifications.
- **Signal feedback technology:** Reduces cross talk.
- **Paralign 2 pair-positioning technology:** Maintains pair integrity through the plug termination.
- **Icon compatibility:** Supports TIA/EIA 606 standard.
- **Premium conductor cordage:** Reliable performance and durable cord life.
- **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: Blue

Termination: Mod 8/110

Typical Applications: Data cross connect block fields; hub interface cords; 10, 100, 1000 Base-T

**Listing Agencies/Third Party Information**

FCC Standard: Yes

**Construction Information**

Component1: Four-pair Category 6 cable

Component2: Eight-contact male 110 plug

Component3: Cross talk compensation board

Component4: Eight-position plug assembly

Component5: Modular plug IDC contacts

Finish Plating2: Tin lead contact plating

Finish Plating5: 50 Micro inch elective gold plating over nickel

Material1: 24 AWG bare copper stranded conductors, PVC insulation, PVC jacket

Material2: Phosphor-bronze contacts, nylon housing

Material3: FR1 Double-sided printed circuit board

Material4: Polycarbonate plug housing and conductor positioning sled

Material5: Phosphor-bronze contacts

**Dimensions**

Diameter Metric: 7.5 mm

Diameter U S: 0.29"

Length Metric: 2.74 m

**Cord Information**

Connector Type End One: Male 110 connector, eight-contact

Connector Type End Two: Eight-position modular plug

Jacket Color: Blue

Jacket Rating: CMR/PVC

Cord Length U S: 9'

Pinning: Standard linear 110 color code to T568B plug wiring

**Technical Information**

Category Rating: Category 6

Ohm Value: 100

Performance Rating: Category 6

Sort Termination: 10

Wire Gauge: 24 AWG

**Buy American Act Compliance**

Country of Origin: MEXICO

Buy American Act Status: Trade Agreement Act Compliant