



## CLARITY 6 SHIELDED MODULAR PATCH CORD, 7', GRAY

OR-MCS607-08 | [Ortronics](#)

### FEATURES & BENEFITS

Clarity 6 Shielded, Modular Patch Cord, gray 7', Category 6, four-pair shielded stranded 27 AWG PVC, center tuned with Clarity 6 shielded connecting hardware to provide a significant elevation of channel performance that can be field measured



- **ETL third party tested and verified to TIA/EIA 568B.2-1 Category 6 component specifications and meets IEC 60603-7-5 (draft) specifications:** Ensures Category 6 component performance.
- **Exceeds ISO 11801 2nd edition including EN50173 2nd edition requirements:** Ensures transfer impedance and shield effectiveness.
- **Each cord is factory tested:** Guarantees every cord shipped meets Category 6 component specifications.
- **Using bi-level contact array:** The plug targets TIA center values.
- **Center tuned technology:** Elevates the performance of Clarity 6 shielded connector union.
- **Snagless plug design:** Protects plugs when pulling through pathways or cable managers.
- **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 shielded LSOH

Color Cable Jacket: Gray

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

#### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes

ETL Listing No: 3030592-033A

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: Flexible boot over-molded rubber

Finish Plating 3: 50 Micro inch elective gold plating

Material 1: 27 AWG, shielded, stranded conductors, LSOH jacket

Material 2: Polycarbonate plug housing UL 94V-O with a tin-plated copper shield

Material 3: Copper alloy contacts

Material 4: Molded Polypropylene Copolymer

## DIMENSIONS

Diameter (Metric): 5.84 mm

Diameter (US): 0.23"

Length (Metric): 2.13 m

## CORD INFORMATION

Connector Type End One: Plug, eight-contact, shielded, RJ45, high performance

Connector Type End Two: Plug, eight-contact, shielded, RJ45, high performance

Jacket Rating: LSOH

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: 27 AWG

## BUY AMERICAN ACT COMPLIANCE

Country Of Origin: MEXICO

Buy American Act Status: Trade Agreement Act Compliant

