CLARITY 6A MODULAR PATCH CORD, 7', WHITE

OR-MC6A07-09 | [Ortronics](#)

FEATURES & BENEFITS

Clarity 6A modular patch cord, white, 7', Cat6A, 10 Gigabit, four-pair UTP stranded 26 AWG PVC/CM, center tuned with Clarity connecting hardware for optimum installed performance using Ortronics Paralign 2 pair-positioning technology.

- **Tested and verified to TIA/EIA 568C.2 Cat6A component specification :** Ensures Category 6A component & channel performance.
- **Every cord is factory tested:** Ensures every cord shipped will perform to Cat 6A specifications.
- Center tuned technology: Elevates the performance of Clarity 6A connector union.
- **Paralign 2 pair-positioning technology:** Maintains pair integrity and balance through the plug termination.
- **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 6 & 5e:** Supports lower category installations and components.

SPECIFICATIONS

GENERAL INFO

Cable Type: Four-pair stranded UTP CMR/non-plenum
Color Cable Jacket: White
Performance Category: Cat 6a component compliant
Termination: 8-Pos Mod
Typical Applications: IEEE 802.3 10GBase-T, 1000Base-T (Gigabit Ethernet), TIA/EIA-854 1000Base-TX, ATM CB1G
Product Series: Clarity
Type: Patch Cord

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: 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 2: Internal metallic barrier
Finish Plating 3: 50 Micro inch elective gold plating over nickel
Material 1: 26 AWG tinned copper stranded conductors, PE 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): 7.3 mm
Diameter (US): 0.29"
Length (Metric): 2.13 m

CORD INFORMATION

Connector Type End One: Plug, HSG, eight-contact, RJ45, high performance with Cat6A internal barrier
Connector Type End Two: Plug, HSG, eight-contact, RJ45, high performance with Cat6A internal barrier
Jacket Rating: CMR
Cord Length Metric: 2.1336 m
Cord Length US: 7'
Min Bend Radius: 1.20"
Pinning: Straight 1-1, 2-2, 3-3, etc.

TECHNICAL INFORMATION

Category Rating: Cat 6a component compliant
OhmValue: 100
Performance Rating: Category 6A , 10G UTP
Sort Termination: 3
Wire Gauge: 26 AWG