



CLARITY 6A MODULAR PATCH CORD, 7', BLUE

OR-MC6A07-06 | [Ortronics](#)

FEATURES & BENEFITS

Clarity 6A modular patch cord, blue, 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.



PRODUCT
ENVIRONMENTAL PROFILE

- **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: Blue

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: Interenal 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