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## 28AWG REDUCED DIAMETER C6A/10G CHANNEL CORD GRAY 10FT

OR-RDC61010-08 | [Ortronics](#)



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### FEATURES & BENEFITS

RDC610 Modular Patch Cord, gray, 10', reduced diameter, 28 AWG, cat6a channel four-pair UTP stranded PVC/CM.

- **Each cord is factory tested:** Ensures every cord shipped meets Category 6a channel specifications.
- **Reduced diameter mini patch cord :** takes up less cable management space and leaves more space for airflow
- **Premium plug designed for reduced OD 28 awg patch cable:** Protects performance integrity through the plug termination .
- **Snagless plug design:** Protects plugs when pulling through cable managers or pathways .
- **Premium 28 awg conductor cordage:** Reliable performance and durable cord life.
- **Compatible with both T568A and T568B wiring:** Provides universal wiring ability.
- **Backwards compatible to Category 3, 5, and 5e:** Supports lower category installations and components.

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### SPECIFICATIONS

#### GENERAL INFO

Cable Type: Four-pair 28 awg stranded UTP CMR rated

Color Cable Jacket: Gray

Pair Count: 4 pair

Termination: 8-Position Modular plug

Typical Applications: IEEE 802.3 10GBase-T, 1000Base-T (Gigabit Ethernet), 1000Base-TX, ATM

Type: Patch Cord

#### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

FCC Standard: Yes

#### CONSTRUCTION INFORMATION

Component 1: Cable

Component 2: Eight-position plug assembly

Component 3: Modular plug IDC contacts

Component 4: Clear plastic strain relief

Finish Plating 3: 50 Micro inch elective gold plating over nickel

Material 1: 28 AWG tinned copper stranded conductors, HDPE insulation, PVC jacket

Material 2: Polycarbonate plug housing and conductor centering sled

Material 3: Phosphor-bronze contacts designed for smaller 28awg conductors

Material 4: Molded PolyCarbonate

## **DIMENSIONS**

Diameter (Metric): 4.85 mm

Diameter (US): 0.191 in

Length (Metric): 3.05 m

## **CORD INFORMATION**

Connector Type End One: Plug, HSG, eight-contact, RJ45, C6a channel performance

Connector Type End Two: Plug, HSG, eight-contact, RJ45, C6a channel performance

Jacket Rating: CMR

Cord Length Metric: 3.05 m

Cord Length US: 10'

Min Bend Radius: .77 "

Pinning: Straight 1-1, 2-2, 3-3, etc.

## **TECHNICAL INFORMATION**

Category Rating: C6a channel

OhmValue: 100 Ohm

Performance Rating: Cat6a channel

Wire Gauge: 28 AWG

## **BUY AMERICAN ACT COMPLIANCE**

Buy American Act Status: Trade Agreement Act Compliant