

# Quareo™ Managed Copper Cables

Category 6, Category 6a, U/UTP, and F/UTP



Impedance matched for use in Quareo™ structured cabling systems, these managed cable exceed all performance requirements for Category 6 (Cat 6) and Augmented Category 6a (Cat 6a). The plug is designed with integrated strain relievers that prevent the cable from moving at the termination point when the cable is flexed, safeguarding circuit integrity and guaranteeing maximum performance. The strain relievers also ensure that proper bend radii are maintained throughout the network.



## FEATURES

- Quareo Technology with connection point identification
- Connector Interface: Plug type RJ45 shielded/unshielded that conforms to 8 way modular RJ45 Jack according with IEC 60603-7 series and TIA/EIA-968-A.
- Latch Type: Snag-less
- Boot: Flexible with built in strain relief to maintain proper bend radius
- Wiring Configuration: T568A, T568B and T568A – T568B (cross-over)

## SPECIFICATIONS

### ELECTRICAL

ANSI/TIA-568-C.2 and ISO 11801, Edition 2 for Category 6/Class E and Category 6a/Class Ea  
Category 5e, 5 and 3 backward compatible

### ENVIRONMENTAL

Controlled Environment

GR-63, Section 4.1.2

Operating Temperature: -10° C to +60° C

Storage Temperature: -0° C to +50° C

Relative Humidity: 5% to 90% non-condensing

Relative Humidity: 5% to 95% non-condensing

### COMPLIANCE

UL 94 V-0

TICK N355

C(UL)us 49S3

CE

RoHS and WEEE 2002/95/EC Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

## ORDERING INFORMATION

| Product Description                    | Available Colors | Available Lengths |      |      |           |                   | Catalog Number |
|----------------------------------------|------------------|-------------------|------|------|-----------|-------------------|----------------|
|                                        | Replace XX       | Replace YY        |      |      |           |                   |                |
| Category 6 U/UTP managed copper cable  | BK = Black       | 04'               | 15'  | PVC  | T568A     | QCPC-6RUVA-XXYYF  |                |
|                                        | BL = Blue        | 07'               | 25'  |      | T568B     | QCPC-6RUVB-XXYYF  |                |
|                                        | GN = Green       | 10'               | 50   |      | Crossover | QCPC-6RUVX-XXYYF  |                |
|                                        | OR = Orange      | 01 m              | 02 m | LSZH | T568A     | QCPC-6RUZA-XXYYM  |                |
|                                        | RD = Red         | 03 m              | 05 m |      | T568B     | QCPC-6RUZB-XXYYM  |                |
|                                        | GY = Gray        | 7.5 m             |      |      | Crossover | QCPC-6RUZX-XXYYM  |                |
|                                        | VT = Violet      |                   |      |      |           |                   |                |
|                                        | WT = White       |                   |      |      |           |                   |                |
| Category 6a U/UTP managed copper cable | YL = Yellow      |                   |      | PVC  | T568A     | QCPC-6ARUVA-XXYYF |                |
|                                        |                  |                   |      |      | T568B     | QCPC-6ARUVB-XXYYF |                |
|                                        |                  |                   |      |      | Crossover | QCPC-6ARUVX-XXYYF |                |
|                                        |                  |                   |      | LSZH | T568A     | QCPC-6ARUZA-XXYYM |                |
|                                        |                  |                   |      |      | T568B     | QCPC-6ARUZH-XXYYM |                |
|                                        |                  |                   |      |      | Crossover | QCPC-6ARUZX-XXYYM |                |
| Category 6a F/UTP managed copper cable | BL = Blue        | 04'               | 15'  | PVC  | T568A     | QCPC-6ARFVA-XXYYF |                |
|                                        | GY = Gray        | 07'               | 25'  |      | T568A     | QCPC-6ARFVB-XXYYF |                |
|                                        | WT = White       | 10'               | 50'  |      | Crossover | QCPC-6ARFVX-XXYYF |                |

## DATA SHEET



#### Contact us:

Greensboro, NC  
USA 27409-8420  
Tel: 800-366-3891, ext. 73347  
Tel: 952-917-3347 (outside the US)  
Fax: 952-917-3237

[www.te.com/adc](http://www.te.com/adc)

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