

TrueNet®

CopperTen™ 4-pair Cable

Issue 1



CopperTen™ is the foundation of ADC KRONE's augmented Category 6 TrueNet® Structured Cabling Solution. Based on TrueNet® technology, this cable guarantees Category 6_A performance, ensuring maximum network speed, data throughput and reliability. Installed in high-performance networks worldwide, the system's design minimises alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO/IEC 11801 ed.2.1 and TIA 568-C.2-1 standards.

Features:

- 10 Gigabit Ethernet
- Highest performing UTP 4-pair cable in the world
- Maximum headroom for current and future technologies
- Oblique elliptical offset filler reduces alien crosstalk
- Manufactured with lead-free materials

Compliances:

- UL Subject 4444
- (UL)-C(UL) Type CMR/CMG
- ICEA S-90-661
- NEC 800 Type CMR
- TIA/EIA 568-C.2-1
- ISO/IEC 11801 Class E Ed.2.1

SPEC SHEET



www.adckrone.com/in • 1800 425 8232

TrueNet[®]

CopperTen™ 4-pair Cable

Specifications

Construction:

Conductor: 23 AWG solid bare copper
 Insulation: 100% Polyolefin
 Separator: Flame retardant Polyolefin
 Jacket: Non-lead, flame retardant
 PVC 7.5mm – 6.5mm x 8.4mm

Mechanical:

Bend Radius 8 x outer diameter
 Installed: 4 x outer diameter
 Pull Tension: 110N (25#)

Electrical:

Conductor DC Resistance @ 20 °C (68 °F) (Max): 9.38 /100 m (28.6 /1000 ft)
 DC Resistance Unbalance (Max): 2%
 Mutual Capacitance @ 20 °C (68 °F) (Max): 5.6nF/100 m (17 pF/ft)
 Operating Voltage (Max): 300 VDC
 Worst Case Cable Skew: 40 ns/100 m (40 ns/ 328 ft)
 Nominal Velocity of Propagation: 65%

Environmental:

Transport and Storage: -20° to 75°C
 Installation: 4° to 50°C
 Operation: -20° to 75°C

Ordering Information

Description	Colour	Product No.
CopperTen™ Cable, 305m Reel	Grey	10G-A6TR-GY02
CopperTen™ Cable, 305m Reel	Blue	10G-A6TR-BL02

SPEC SHEET



KRONE



www.adckrone.com/in

10C, II Phase Peenya Industrial Area
 Bangalore 560 058
 Sales Support: 1800 425 8232

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101
 Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, ADC reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting our headquarters office in Minneapolis. ADC Telecommunications, Inc. views its patent portfolio as an important corporate asset and vigorously enforces its patents. Products or features contained herein may be covered by one or more U.S. or foreign patents. An Equal Opportunity Employer

10G-A6TR-XX02IN / Issue 1 © 2009 ADC Telecommunications, Inc. All Rights Reserved.