

TrueNet®

C6A UTP CopperTen™ RJ45 Patch Cord

Issue 1



CopperTen™ is an integral part of ADC KRONE's TrueNet® Structured Cabling System. It is the world's first UTP Structured Cabling System to enable 10 Gbps Ethernet over a full 100 metres. Installed in high-performance networks worldwide, the system's patent-pending design minimises alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO/IEC 11801 e2.2.1 and TIA 568-C.2-10 draft standards.

Features:

- Copper conductors in the cable pairs are stranded for superior flexibility and compacted to a near-round shape for optimum signal strength
- Patent-pending oblique elliptical offset filler minimises alien crosstalk
- Snag less plug design with integrated strain relief
- UL 1863 listed
- T568B Wiring configuration

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Specifications

Operating Temperature Range:-20° to 75°C
RJ45 Plug Interface According to:.....IEC 60603-7
Transmission Performance and Reliability: Transmission performance to TIA-568.C.2-10
..... Component compliance as well as Gigabit
..... ISO/IEC 11801 ed.2.1 extrapolated component
Numbers of Plug Insertion Cycles: ≥ 750 (IEC/EN 60603-7)
Conductor: 24 AWG 7x32 stranded tinned copper
Jacket: Lead free PVC
Bend Radius: 2 X outer diameter
Nominal Outer Diameter: 6.4mm ± .13mm
Safety Rating: UL 1863
Flammability Rating: UL 94 V-0

Ordering Information

Description	Quantity	Product No.
C6A UTP Patchcord CopperTen™	Each	6645-2-8X5-YY

*Replace X for color:
0 = White 3 = Yellow
1 = Red 4 = Green
2 = Blue 6 = Gray

Replace YY for length:
04 = 1.2m 07 = 2.1m
10 = 3.0m 15 = 4.5m
20 = 6.0m

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KRONE



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