

SOLID ETHERNET BULK WIRE

CAT 6 STP CMR OVERVIEW

This twisted pair data cable with 4 pairs of solid 24 AWG conductors allows for longer maximum cable runs and increased rigidity. A 4-way separator maintains proper pair spacing while reducing crosstalk between twisted pairs. This cable also features an aluminum foil shield which protects against interference and crosstalk between cables as well as a dedicated copper clad aluminum drain wire to provide for proper shielded termination. Additionally, a blue PVC jackets protects the interior workings of the cable from the harsh environment and installation stress.

This solid Cat 6 wire provides a solid foundation for any commercial or home network. It is perfect for use for 100 BaseT4, 100 BaseTX, 1000BaseT(Gigabit Ethernet), 155mbps ATM, 622MBps ATM, HDBaseT, 100BaseVG ANYLAN, NTSC/PAL, Component/Composite Video, AES/EBU, Digital Video, and RS-422. Tested up to 250 MHz.

Product specifications may change without prior notification

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SPECIFICATIONS

Product Part Number: IO-E4241S-6CMR-1000B Number of Conductors: 8 (4 Twisted Pairs) plus drain wire

Insulation

Material: HDPE

Colors: White/Orange, Orange, White/Green, Blue, White/Blue, Green, White/Brown, Brown

Drain Wire

Details: 0.40mm CCA

Electrical and Mechanical Characteristics Conductor DC Resistance: $\leq 9.5 \Omega/100m$ Working Capacitance: $\leq 5.4 nF/100m$ Insulation Resistance: 10,000 M Ω /km Transmission Velocity: 65% Operating Temperature: -20°C ~ +75° C (-4°F ~ +167°F)

Conductors Details: Bare Copper Size: 24 AWG O.D.: 0.5mm

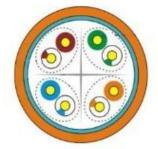
Shields

Details: Transparent Paper, Aluminum Foil

Jacket O.D.: 7.8±0.2mm Material: PVC Color: Blue Thickness: 0.6-0.65mm

Flammability Grade Details: CMX, CM, CMR

CONFIGURATION



STANDARDS & CLASSIFICATIONS



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