

Industrial Data Solutions® — Industrial Ethernet

Category 5e DataTuff® Twisted Pair Cables, 2-Pair and 4-Pair

Heavy-Duty Sunlight and Oil-Resistant Jackets

Table with columns: Description, Part No., UL NEC/ C(UL) CEC Type, No. of Pairs, Standard Lengths (Ft., m), Standard Unit Wt. (Lbs., kg), Nominal OD (Inch, mm), Freq. (MHz), Max. Atten. (dB/100m), Min. PSUM NEXT (dB), Min. PSUM ACR (dB/100m), Min. PSUM ELFEXT (dB/100m), Input Imped. (Ω), Min. RL (dB)

Enhanced Cat 5e • 24 AWG Bonded-Pairs Solid BC Conductors • Rip Cord • See Color Codes below

Polyolefin Insulation • .030" Industrial Grade Sunlight- and Oil-resistant PVC Jacket (Black, Red or Teal)

Table for Enhanced Cat 5e with Polyolefin Insulation and .030" Industrial Grade Sunlight- and Oil-resistant PVC Jacket. Includes part number 7932A and various performance metrics.

Polyolefin Insulation • Waterblocked Sunlight- and Oil-resistant Black Polyethylene Jacket

Table for Enhanced Cat 5e with Polyolefin Insulation and Waterblocked Sunlight- and Oil-resistant Black Polyethylene Jacket. Includes part number 7923A and various performance metrics.

Polyolefin Insulation • Waterblocked Sunlight- and Oil-resistant Black Polyethylene Jacket

Table for Enhanced Cat 5e with Polyolefin Insulation and Waterblocked Sunlight- and Oil-resistant Black Polyethylene Jacket. Includes part number 7934A and various performance metrics.

Plenum • FEP Insulation • Sunlight-, Oil- and Gas-resistant Black FEP Jacket

Table for Enhanced Cat 5e with Plenum • FEP Insulation • Sunlight-, Oil- and Gas-resistant Black FEP Jacket. Includes part number 7928A and various performance metrics.

Polyolefin Insulation • PVC Inner Jacket • .035" Industrial Grade PVC Outer Jacket (Black, Gray, Red, Teal or Blue)

Table for Enhanced Cat 5e with Polyolefin Insulation • PVC Inner Jacket • .035" Industrial Grade PVC Outer Jacket. Includes part number 11700A and various performance metrics.

Polyolefin Insulation • PVC Inner Jacket • .035" Industrial Grade PVC Outer Jacket (Black, Gray, Red, Teal or Blue)

Table for Enhanced Cat 5e with Polyolefin Insulation • PVC Inner Jacket • .035" Industrial Grade PVC Outer Jacket. Includes part number 11700A2 and various performance metrics.

ACR = Attenuation Crosstalk Ratio • BC = Bare Copper • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • TC = Tinned Copper
*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.
**Subject to length de-rating.

DataTuff Color Codes: Pair 1 = White/Blue Stripe & Blue, Pair 2 = White/Orange Stripe & Orange, Pair 3 = White/Green Stripe & Green, Pair 4 = White/Brown Stripe & Brown
For two pair products: use color codes for Pairs 2 & 3

BELDEN For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

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