



PRODUCT SPECIFICATIONS

**CONVERGENT
CONNECTIVITY
TECHNOLOGY**

725224TC

Description: 24/2 Pair Stranded tin copper conductors shielded with an overall braid and jacket.

Ratings/Approvals: NEC Article 800, UL Subject 444, Type CMP, C(ETL)US, RoHS Compliant

Applications: Intercom Systems, Security Systems, Sound and Audio, Background Music, and Power-Limited Control Circuits. Indoor Applications

CONSTRUCTION

Conductor: 24 AWG Tin Copper

Stranding: 7/32 Strand

Insulation Material: Foam FEP

Insulation Thickness: 0.025 in. (0.635 mm) Nominal

Number of Conductors or Pairs: 2 Pairs

Shield: Aluminum/Polyester Tape(100% Coverage)

Drain: 24 AWG 7/32 Stranded Tin Copper

Braid: Tin Copper 90% Coverage

Jacket Material: Plenum Polymer

Jacket Thickness: 0.015 in. (0.381 mm) Nominal

Overall Cable Diameter: 0.264 in. (6.705 mm) Nominal

Approx. Cable Weight /1,000 ft.: 38 lbs.

ELECTRICAL & PHYSICAL PROPERTIES

Suggested Operative Voltage: 300 V, RMS

Insulation Colors: Blue paired White
Orange paired White

Jacket Color: Natural

Nominal Capacitance Between Conductor to Shield @ 20°C: 22 pF/ft.

Nominal DC Resistance per Conductor @ 20°C: 24 Ω/1m'

Minimum Bend Radius (Installation): 2.6 in.

Maximum Recommended Pulling Tensions: 2.75 in.

Nominal Characteristic Impedance: 120 Ω

Nominal Outer Shield DC Resistance @ 20°C: 2.4 Ω/1000 ft.

Maximum Recommended Current @ 25°C: 3.2 Amps per Conductor

Nominal Velocity of Propagation: 72%

Issue Date: April '18 Revision: 4

THE STRONGEST LINK IN YOUR SUPPLY CHAIN

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FLORIDA, NY 10921



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Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____

Company: _____

Date: _____

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