

For more Information
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1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, plenum, FEP insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, FEP jacket

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1 | 24 | 7x32 | TC - Tinned Copper |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------------------|----------------------|
| FEP - Fluorinated Ethylene Propylene | .006 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 24 | 7x32 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------------------|---------------------------|
| FEP - Fluorinated Ethylene Propylene | .014 |

Overall Cable

Overall Nominal Diameter: 0.106 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|-------------|
| 1 | Black & Red |

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|-----------------|
| Operating Temperature Range: | -70°C To +200°C |
| Bulk Cable Weight: | 9 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 16 lbs. |
| Min. Bend Radius/Minor Axis: | 1.250 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | CMP |
| CEC/(UL) Specification: | CMP |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU CE Mark: | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |

| | |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-----------------|----------|
| UL Flame Test: | NFPA 262 |
| CSA Flame Test: | FT6 |

Plenum/Non-Plenum

| | |
|--------------------|-------|
| Plenum (Y/N): | Yes |
| Plenum Number: | 82641 |
| Non-Plenum Number: | 8641 |

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage

Max. Recommended Current:

Current

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------|-------|-----------------|
| 88641 002100 | 100 FT | 2.400 LB | RED | | 2#24 FEP FS FEP |
| 88641 0021000 | 1,000 FT | 11.000 LB | RED | C | 2#24 FEP FS FEP |
| 88641 002500 | 500 FT | 6.000 LB | RED | C | 2#24 FEP FS FEP |

Notes:

C = CRATE REEL PUT-UP.

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