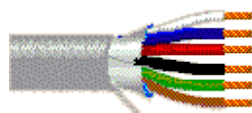


5306FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1



Description:

18 AWG bare copper conductors, PP insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket. Sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 8 | 18 | 7x26 | BC - Bare Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.007 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|--|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 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.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.018 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) |
|--------------|
| 3.750 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|--------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |
| 5 | Brown |
| 6 | Blue |
| 7 | Orange |
| 8 | Yellow |

Overall Nominal Diameter: 0.235 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

5306FE Multi-Conductor - Commercial Applications

| | |
|---|---------------------|
| Bulk Cable Weight: | 60.400 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 193.200 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 2.375 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--|------------|
| NEC/(UL) Specification: | CMR |
| NEC Articles: | 800 |
| CEC/C(UL) Specification: | CMG |
| 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: | UL1666 Vertical Shaft |
| CSA Flame Test: | FT4 |

Plenum/Non-Plenum

| | |
|-----------------------|--------|
| Plenum (Y/N): | No |
| Plenum Number: | 6306FE |

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
52.200

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
7.2

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
3.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|-------------------|
| 5306FE 0081000 | 1,000 FT | 60.000 LB | GRAY | C | 8 #18 PP FS FRPVC |
| 5306FE 008500 | 500 FT | 32.000 LB | GRAY | C | 8 #18 PP FS FRPVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-04-2008

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