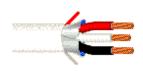
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

6301FE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



Description:

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Overall Beldfoil® tape shield (foil side out) and drain wire, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

s (in.)

Usage (Overall)

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

Physical Characteristics (Overall)

Conductor AWC

| 11 | NG: | | | |
|----|--------------|-----|-----------|---------------------------|
| | # Conductors | AWG | Stranding | Conductor Material |
| | 3 | 18 | 7x26 | BC - Bare Copper |

3 |18 7x26

Insulation

| In | sulation Material: | | |
|----|-----------------------|---------------------------------------|---------------|
| | Insulation Trade Name | Insulation Material | Wall Thicknes |
| | Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | 0.009 |

Outer Shield

| 0 | Objetal | Matanial |
|-------|---------|-----------|
| Outer | Snieiu | Material: |

| Outer Shield Trade Name Type | | Туре | 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 TC - Tinned Copper 7x32

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name Outer Jacket Material | | Nom. Wall Thickness (in.) | |
|---|---------------------------------------|---------------------------|--|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .015 | |

Outer Jacket Ripcord:

Yes

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | White |

Overall Nominal Diameter:

0.172 in.

| Me | Mechanical Characteristics (Overall) | | | | | |
|----|--|---------------------|--|--|--|--|
| | Operating Temperature Range: | 0°C To +75°C | | | | |
| | UL Temperature Rating: | 75°C | | | | |
| | Bulk Cable Weight: | 28.100 lbs/1000 ft. | | | | |
| | Max. Recommended Pulling Tension: | 81.200 lbs. | | | | |
| | Min. Bend Radius (Install)/Minor Axis: | 1.750 in. | | | | |

Min. Bend Radius (Install)/Minor Axis:

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| Applicable Standards & Environmental Programs | | |
|---|------------|--|
| NEC/(UL) Specification: | CMP | |
| NEC Articles: | 800 | |
| CEC/C(UL) Specification: | СМР | |
| 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 | |
| ame Test | | |
| UL Flame Test: | NFPA 262 | |
| C(UL) Flame Test: | FT6 | |
| enum/Non-Plenum | | |
| Plenum (Y/N): | Yes | |
| Non-Plenum Number: | 5301FE | |

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

70

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

126

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.900

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 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 |
|-----------------|----------|-------------|---------|-------|----------------------|
| 6301FE 877U1000 | 1,000 FT | 30.000 LB | NATURAL | | 3 #18 FLRST FS FLRST |
| 6301FE 877U500 | 500 FT | 15.500 LB | NATURAL | | 3 #18 FLRST FS FLRST |
| 6301FE 8771000 | 1,000 FT | 31.000 LB | NATURAL | С | 3 #18 FLRST FS FLRST |

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Notes: C = CRATE REEL PUT-UP.

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

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