Detailed Specifications & Technical Data





6000FE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1



Description:

12 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.

Usage (Overall)

Suitable Applications:

Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 12 | 19x25 | BC - Bare Copper |

Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material | Wall Thickness (in.) | |
|-----------------------|---------------------------------------|----------------------|--|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .011 | |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name T | | Outer Shield Material | Coverage (%) |
|---------------------------|------|--|--------------|
| Beldfoil® | Таре | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|--------------------------------------|
| 20 | 7x28 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

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

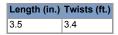
Outer Jacket Ripcord:

Yes

0.260 in.

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

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

Overall Nominal Diameter:

Mechanical Characteristics (Overall)

| UL Temperature Rating: | 75°C | |
|--|---------------------|--|
| Bulk Cable Weight: | 63.900 lbs/1000 ft. | |
| Max. Recommended Pulling Tension: | 182.400 lbs. | |
| Min. Bend Radius (Install)/Minor Axis: | 2 600 in | |

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| Applicable S | Specifications | and Agency | Compl | liance (| Overall) |
|--------------|-----------------------|------------|-------|----------|----------|
|--------------|-----------------------|------------|-------|----------|----------|

| pplicable Standards & Environmental Prog | rams | | | |
|--|-------------------|--|--|--|
| NEC/(UL) Specification: | CL2P | | | |
| NEC Articles: | 725 | | | |
| 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 | | | |
| lame Test | | | | |
| UL Flame Test: | UL Steiner Tunnel | | | |
| lenum/Non-Plenum | | | | |
| Plenum (Y/N): | Yes | | | |

5000FE

Electrical Characteristics (Overall)

Non-Plenum Number:

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) 7.200

Max. Operating Voltage - UL:

Voltage 150 V RMS

Max. Recommended Current:

12 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 |
|----------------|----------|-------------|---------|-------|----------------------|
| 6000FE 8771000 | 1,000 FT | 68.000 LB | NATURAL | С | 2 #12 FLRST FS FLRST |

Notes:

C = CRATE REEL PUT-UP.



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Revision Number: 2 Revision Date: 07-01-2008

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