



For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (19x30) TC conductors, conductors cabled, plenum, FEP insulation, natural Flamarrest® jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4 | 18 | 19x30 | TC - Tinned Copper |

Total Number of Conductors:

4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------------------|----------------------|
| FEP - Fluorinated Ethylene Propylene | .007 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Trade Name | Outer Jacket Material | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest® | LS PVC - Low Smoke Polyvinyl Chloride | .014 |

Overall Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |

Overall Nominal Diameter:

0.166 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

0°C To +75°C

Bulk Cable Weight:

29 lbs/1000 ft.

Max. Recommended Pulling Tension:

100 lbs.

Min. Bend Radius/Minor Axis:

1.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:

CL3P, CMP

CEC/C(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

82489 Multi-Conductor - Audio, Control and Instrumentation Cable

MII Order #39 (China RoHS):

Yes

Flame Test

UL Flame Test:

NFPA 262

CSA Flame Test:

FT6

Plenum/Non-Plenum

Plenum (Y/N):

Yes

Non-Plenum Number:

8489

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

21

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

7.2 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|---------|-------|------------------|
| 82489 877U1000 | 1,000 FT | 30.000 LB | NATURAL | | 4C#18 FEP FLMRST |
| 82489 8771000 | 1,000 FT | 30.000 LB | NATURAL | C | 4C#18 FEP FLMRST |

Notes:

C = CRATE REEL PUT-UP.

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