## **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 6549PA Multi-Conductor - Pro Audio and Intercom Systems



For more Information please call

1-800-Belden1



### **General Description:**

Black & Orange Red & White Red & Green

Red & Blue

Red & Yellow

Red & Brown

Red & Orange Green & White

Green & Blue Green & Yellow

10

11

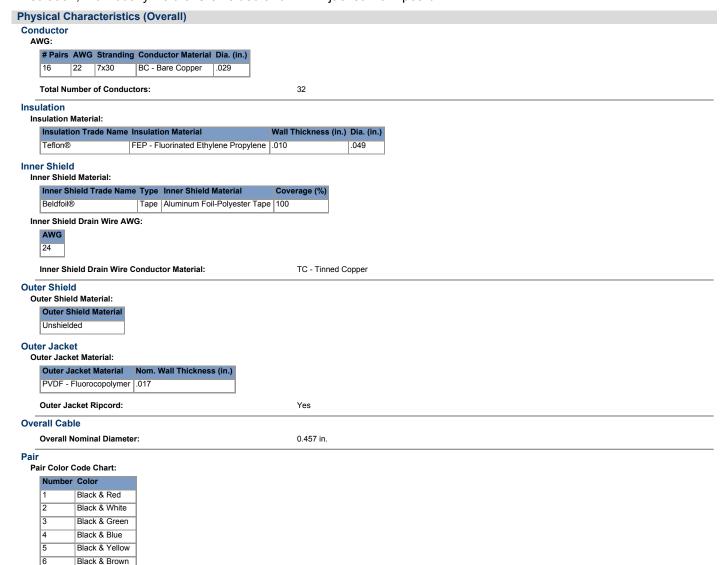
12

13

14 15

16

Security, Pro Audio & Intercom Cable, Plenum-CMP, 16-22 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and PVDF jacket with ripcord



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Pair Lay Length & Direction:

| Lay Length (in.) | Twists (twist/ft) |
|------------------|-------------------|
| 1.375            | 6.900             |

| 00°0 T- 1450°0   |  |  |  |  |
|------------------|--|--|--|--|
| -20°C To +150°C  |  |  |  |  |
| 75°C             |  |  |  |  |
| 150 lbs/1000 ft. |  |  |  |  |
| 324.200 lbs.     |  |  |  |  |
| 4.500 in.        |  |  |  |  |
| ince (Overall)   |  |  |  |  |
|                  |  |  |  |  |
| CMP              |  |  |  |  |
| 800              |  |  |  |  |
| CMP              |  |  |  |  |
| Yes              |  |  |  |  |
| 04/01/2005       |  |  |  |  |
| Yes              |  |  |  |  |
|                  |  |  |  |  |
| NFPA 262         |  |  |  |  |
| FT6              |  |  |  |  |
|                  |  |  |  |  |
| Yes              |  |  |  |  |
|                  |  |  |  |  |

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance (Ohm) 50

Nom. Inductance:

Inductance (µH/ft)
.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 27.5

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft) 49.5

Nominal Velocity of Propagation:

**VP (%)** 

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.3

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

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Current 1.5 Amps per conductor @ 25°C

#### Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

#### **Put Ups and Colors:**

| Item #         | Putup    | Ship Weight | Color | Notes | Item Desc            |
|----------------|----------|-------------|-------|-------|----------------------|
| 6549PA 0081000 | 1,000 FT | 159.000 LB  | GRAY  | С     | 16 FS PR #22 FEP SLF |

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-13-2013

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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