Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6543PA Multi-Conductor - Pro Audio and Intercom Systems



For more Information please call

1-800-Belden1

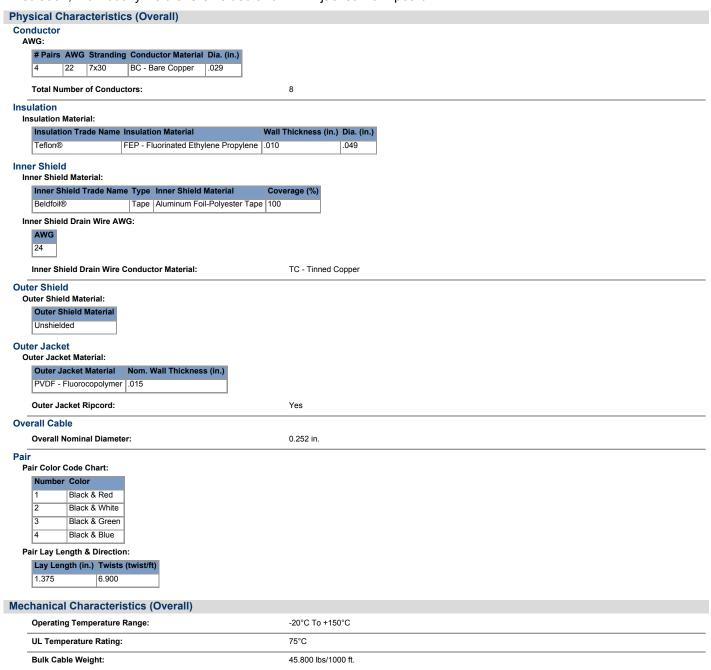


General Description:

Max. Recommended Pulling Tension:

Min. Bend Radius/Minor Axis:

Security, Pro Audio & Intercom Cable, Plenum-CMP, 4-22 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and PVDF jacket with ripcord



94.800 lbs.

2.500 in.

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| Applicable Specifications and Agency Compliance | e (Overall) |
|---|-------------|
| Applicable Standards & Environmental Programs | |
| NEC/(UL) Specification: | CMP |
| NEC Articles: | 800 |
| 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 |
| MII Order #39 (China RoHS): | Yes |
| Flame Test | |
| UL Flame Test: | NFPA 262 |
| C(UL) Flame Test: | FT6 |
| Plenum/Non-Plenum | |
| Plenum (Y/N): | Yes |
| | |

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



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)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.3

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.0 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 |
|----------------|----------|-------------|-------|-------|---------------------|
| 6543PA 0081000 | 1,000 FT | 46.000 LB | GRAY | С | 4 FS PR #22 FEP SLF |

Notes:

C = CRATE REEL PUT-UP.

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

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