# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 6542PA Multi-Conductor - Pro Audio and Intercom Systems



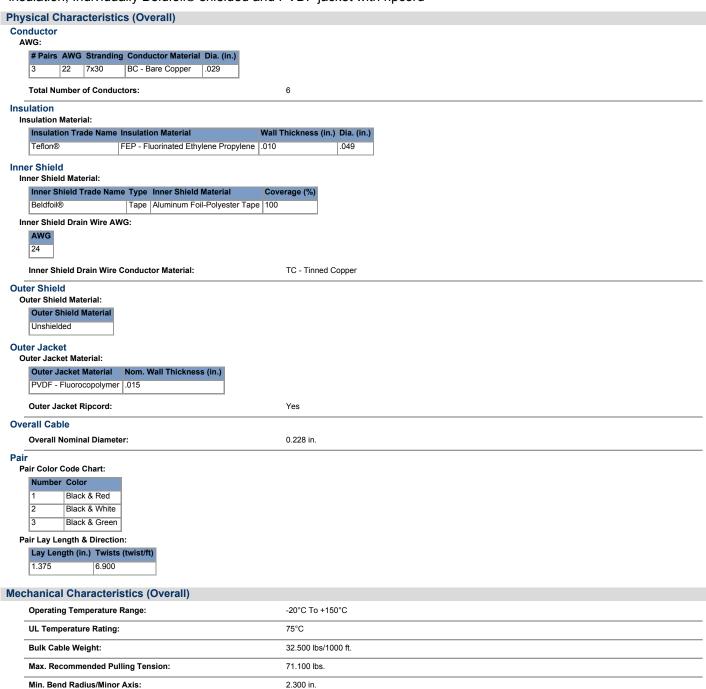
For more Information please call

1-800-Belden1



#### **General Description:**

Security, Pro Audio & Intercom Cable, Plenum-CMP, 3-22 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and PVDF jacket with ripcord



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Applicable Specifications and Agency Com	pliance (Overall)	
Applicable Standards & Environmental Program	s	
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
6542PA 0081000	1,000 FT	36.000 LB	GRAY		3 FSPR #22 FEP SLF

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

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