Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6549PA Multi-Conductor - Pro Audio and Intercom Systems



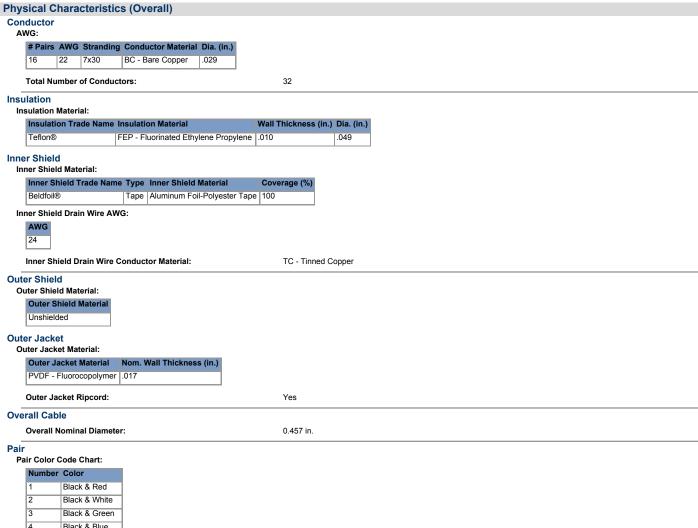
For more Information please call

1-800-Belden1



General Description:

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



Number	Color				
1	Black & Red				
2	Black & White				
3	Black & Green				
4	Black & Blue				
5	Black & Yellow				
6	Black & Brown				
7	Black & Orange				
8	Red & White				
9	Red & Green				
10	Red & Blue				
11	Red & Yellow				
12	Red & Brown				
13	Red & Orange				
14	Green & White				
15	Green & Blue				
16	Green & Yellow				

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Pair Lay Length & Direction:

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

Machanical Characteristics (Overall)						
Mechanical Characteristics (Overall)						
Operating Temperature Range:	-20°C To +150°C					
UL Temperature Rating:	75°C					
Bulk Cable Weight:	150 lbs/1000 ft.					
Max. Recommended Pulling Tension:	324.200 lbs.					
Min. Bend Radius/Minor Axis:	4.500 in.					
Applicable Specifications and Agency Comp	Diance (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:

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 73/23/EEC), as amended by directive 93/68/EEC.

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