Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6548PA Multi-Conductor - Pro Audio and Intercom Systems



For more Information please call

1-800-Belden1



General Description:

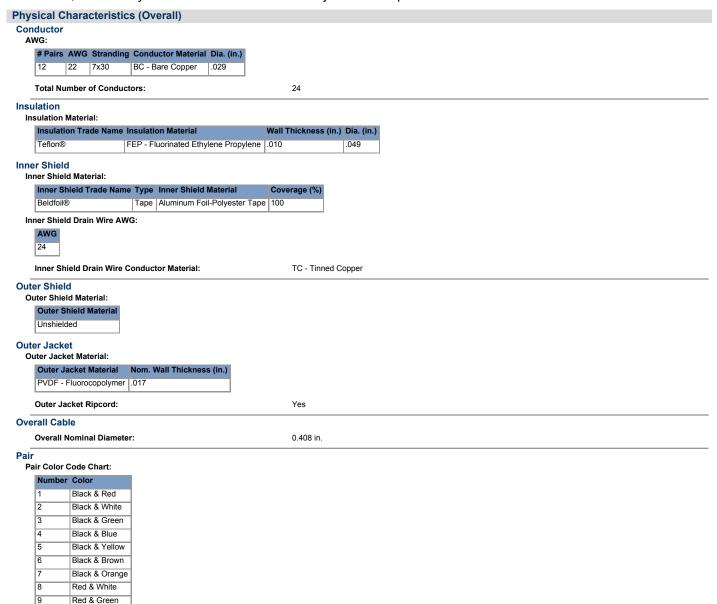
10

1.375

Red & Blue Red & Yellow Red & Brown Pair Lay Length & Direction: Lay Length (in.) Twists (twist/ft)

6.900

Security, Pro Audio & Intercom Cable, Plenum-CMP, 12-22 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and PVDF jacket with ripcord



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Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +150°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	116 lbs/1000 ft.
Max. Recommended Pulling Tension:	218.400 lbs.
Min. Bend Radius/Minor Axis:	4 in.
Applicable Specifications and Agency Compliance (0	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
Floatwicel Champataminting (Overall)	

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 (%) 69

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
1.5 Amps per conductor @ 25°C

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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
6548PA 0081000	1,000 FT	125.000 LB	GRAY	С	12 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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