Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



6548PA Multi-Conductor - Pro Audio and Intercom Systems



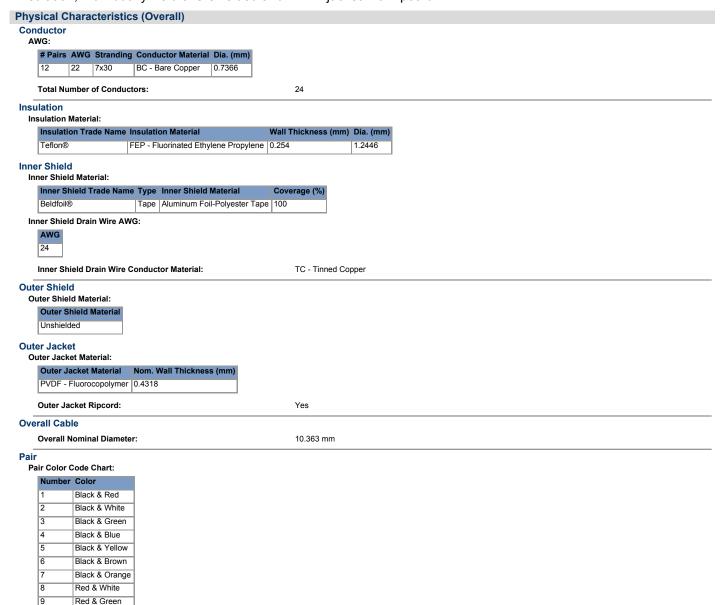
For more Information please call

1-800-Belden1



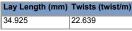
General Description:

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



Pair Lay Length & Direction:

10



Red & Blue Red & Yellow Red & Brown

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Mechanical Characteristics (Overall)					
Operating Temperature Range:	-20°C To +150°C				
UL Temperature Rating:	75°C				
Bulk Cable Weight:	172.631 Kg/Km				
Max. Recommended Pulling Tension:	971.487 N 101.600 mm				
Min. Bend Radius/Minor Axis:					
Applicable Specifications and Agency Compli	ance (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)

Nom. Inductance:

Inductance (µH/m) 0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 90.2275

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 162.41

Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 53.8084

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended 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 2014/35/EU).

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