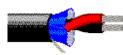
Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

1508A Multi-Conductor - Single-Pair Cable



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, Polyolefin insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)	
Conductor	
AWG:	
# Pairs AWG Stranding Conductor Material Dia. 1 24 7x32 TC - Tinned Copper 0.603	
Total Number of Conductors:	2
Insulation Insulation Material:	
Insulation Material Dia. (mm)PO - Polyolefin1.016	
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Mat	terial Coverage (%)
Beldfoil® Tape Aluminum Foil-Po	
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
24 7x32 TC - Tinned Copper	
Outer Jacket Outer Jacket Material: Outer Jacket Material PVC - Polyvinyl Chloride 0.6096	m)
Outer Jacket Ripcord:	Yes
Overall Cable	
Overall Nominal Diameter:	3.327 mm
Pair	
Pair Color Code Chart: Number Color	
1 Black & Red	
Aechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	16.370 Kg/Km
Max. Recommended Pulling Tension:	73.395 N
Min. Bend Radius/Minor Axis:	38.100 mm
Applicable Specifications and Agency (Compliance (Overall)
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Applicable Standards & Environmental Programs

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

1508A Multi-Conductor - Single-Pair Cable

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	СМ
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):	01/01/2004
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
lenum/Non-Plenum	
Plenum (Y/N):	No

Surface Printing (Overall)

Surface Printing:

FLEXIBLE AUDIO (BRILLIANCE LOGO #W036) BY BELDEN 1508A E108998 1PR24 SHIELDED (UL) CM C(UL)

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 50

Nom. Inductance:

Inductance (µH/m)

0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

101.711

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 190.298

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

76.4473

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 52.1679

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.05 Amps per conductor @ 25°C

Notes (Overall)

Notes: Jacket and shield are bonded so both can be removed with automatic stripping equipment.



1508A Multi-Conductor - Single-Pair Cable

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1508A B591000	1,000 FT	13.000 LB	BLACK, MATTE	С	1 PR #24 PO FS PVC
1508A B59500	500 FT	6.500 LB	BLACK, MATTE		1 PR #24 PO FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-24-2012

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