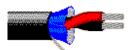
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1508A Multi-Conductor - Single-Pair Cable



For more Information please call

1-800-Belden1



Description:

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

Yes

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	24	7x32	TC - Tinned Copper	.024

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PO - Polyolefin	.008	.040

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.024

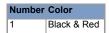
Outer Jacket Ripcord:

Overall Cabling

Overall Nominal Diameter: 0.131 in.

Pair

Pair Color Code Chart:



Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
1.750	6.850

Me	Mechanical Characteristics (Overall)					
	Operating Temperature Range:	-20°C To +60°C				
	UL Temperature Rating:	60°C				
	Bulk Cable Weight:	10.900 lbs/1000 ft.				
	Max. Recommended Pulling Tension:	16.500 lbs.				
	Min. Bend Radius (Install)/Minor Axis:	1.500 in.				

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Detailed Specifications & Technical Data





1508A Multi-Conductor - Single-Pair Cable

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Applicable Specifications and Agency Compliance (Overall)					
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	CM				
CEC/C(UL) Specification:	CM				
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				
Plenum/Non-Plenum					
Plenum (Y/N):	No				

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
58

Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 23.3

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.9

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.

Put Ups and Colors:

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1508A Multi-Conductor - Single-Pair Cable

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1508A B591000	1,000 FT	11.000 LB	BLACK, MATTE	С	1 PR #24 HDPE FS PVC
1508A B59500	500 FT	6.500 LB	BLACK, MATTE		1 PR #24 HDPE FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-18-2008

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.