Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1509C Multi-Conductor - Flexible, CM Rated Cable



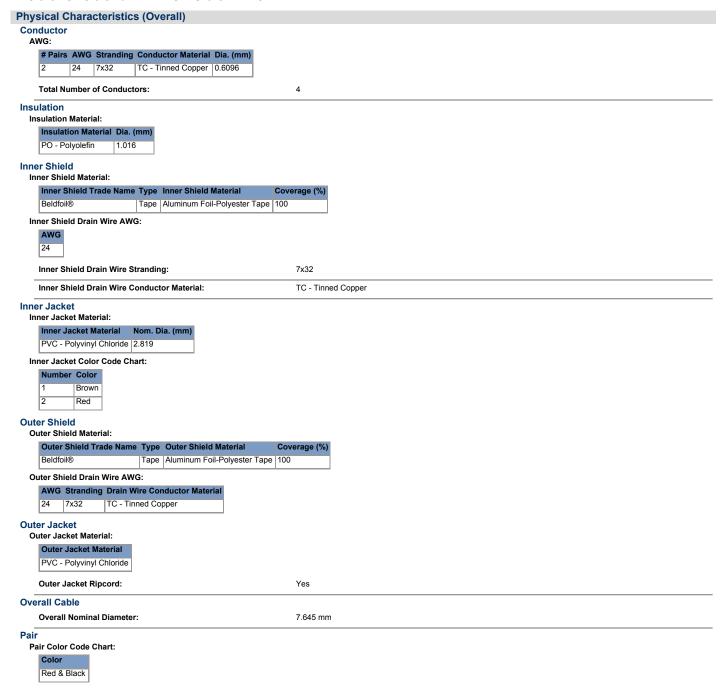
For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductor, polyolefin insulation, individually shielded Beldfoil® (100% coverage) numbered/color-coded PVC jackets, jackets and shields bonded to strip simultaneously, overall Beldfoil shield and 24 AWG TC drain wire.



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echanical Characteristics (Overall)	
Operating Temperature Range:	-35°C To +75°C
Bulk Cable Weight:	62.504 Kg/Km
Max. Recommended Pulling Tension:	246.430 N
Min. Bend Radius/Minor Axis:	76.200 mm

Applicable Specifications and Agency Compliance (Overall)

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

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 101.711

Nom. Capacitance Cond. to Other Conductor & Shield:

190.298

Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 76.4473

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

52.168 Ohm/km

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

1.05 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1509C B591000	1,000 FT	46.000 LB	BLACK, MATTE	С	2 PR #24 PO FS PVC FS PVC
1509C B59500	500 FT	24.000 LB	BLACK, MATTE	С	2 PR #24 PO FS PVC FS PVC

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 10-03-2012

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