Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9451D Multi-Conductor - Double-Pair Cable



For more Information please call

1-800-Belden1



General Description:

EU CE Mark:

EU Directive 2000/53/EC (ELV):

EU Directive 2002/95/EC (RoHS):

EU RoHS Compliance Date (mm/dd/yyyy):

22 AWG stranded (7x30) TC conductors, polyolefin insulation, dual twisted pairs, overall Beldfoil® shield (100% coverage), 22 AWG stranded TC drain wire, PVC jacket in zip-cord construction.

Physical Characteristics (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material 22 7x30 TC - Tinned Copper **Total Number of Conductors:** Insulation Insulation Material: Insulation Material | Wall Thickness (in.) PO - Polyolefin **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Tape | Aluminum Foil-Polyester Tape | 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 22 7x30 TC - Tinned Copper **Outer Jacket Outer Jacket Material:** Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride | .020 **Overall Cable Overall Nominal Diameter:** 0.135 x 0.270 in. Pair Pair Color Code Chart: Number Color Black & Red Black & Red **Mechanical Characteristics (Overall)** -30°C To +105°C **Operating Temperature Range: UL Temperature Rating:** 105°C 27 lbs/1000 ft. **Bulk Cable Weight:** Max. Recommended Pulling Tension: 54 lbs. Min. Bend Radius/Minor Axis: 1.500 in Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs** NEC/(UL) Specification: CMR CEC/C(UL) Specification: CMR EU Directive 2011/65/EU (ROHS II): Yes

Yes

Yes

Yes 01/01/2004

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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:	UL1666 Vertical Shaft
CSA Flame Test:	FT4
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance	(Ohm)
45	

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
14.1	

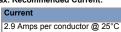
Nominal Outer Shield DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
DOIN @ 20 0	(Cillia 1000 It)
14 3	

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:



Notes (Overall)

Notes: The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield. For cross-connect use with 1814R (et. al.) Snake Cables.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9451D A5QU1000	1,000 FT	29.000 LB	RED & GREEN		2 BONDED #22 FSPR PO FRPVC
9451D A5Q2000	2,000 FT	58.000 LB	RED & GREEN		2 BONDED #22 FSPR PO FRPVC
9451D G04U1000	1,000 FT	29.000 LB	RED & PURPLE		2 BONDED #22 FSPR PO FRPVC
9451D J77U1000	1,000 FT	29.000 LB	USE 061		2 BONDED #22 FSPR PO FRPVC
9451D 053U1000	1,000 FT	29.000 LB	RED & GRAY		2 BONDED #22 FSPR PO FRPVC

Revision Number: 1 Revision Date: 08-22-2012

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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