# **Detailed Specifications & Technical Data**

#### **METRIC MEASUREMENT VERSION**



# 9883 Multi-Conductor - Audio, Control, and Instrumentation Cable



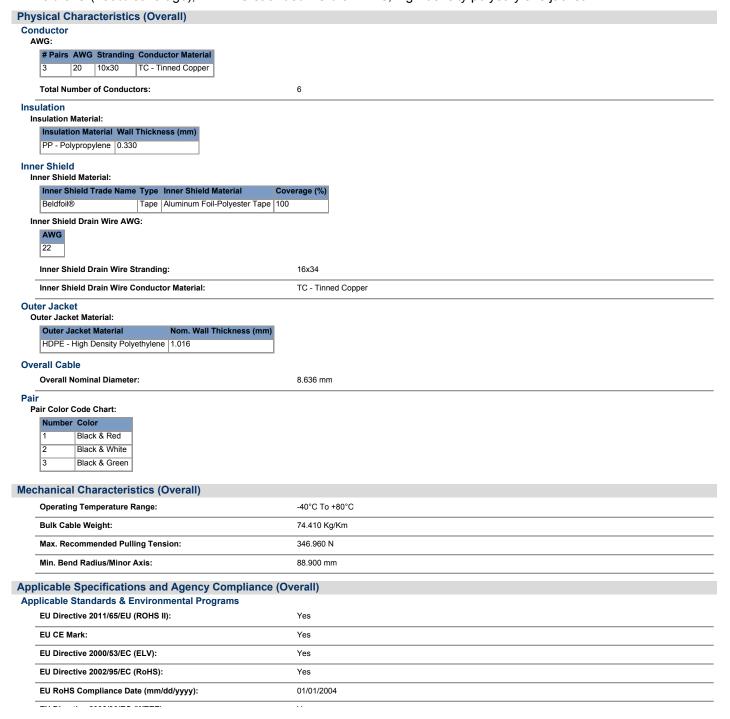
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1-800-Belden1



#### **General Description:**

20 AWG stranded (10x30) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, high-density polyethylene jacket.



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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
Suitability	
Suitability - Burial:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Impedance	(Ohm)
50	

Nom. Inductance

Inductance (µH/m) 0.6562

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 35.4348

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

36.747 Ohm/km

Max. Operating Voltage - UL:

Voltage 350 V RMS

Max. Operating Voltage - Non-UL:

350 V RMS

Max. Recommended Current:

2.7 Amps per conductor @ 25°C

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9883 0101000	1,000 FT	57.000 LB	BLACK	С	3 SH PR #20 PP HDPE
9883 010500	500 FT	28.500 LB	BLACK		3 SH PR #20 PP HDPE

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-19-2012

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