

9874 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (7x28) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, overall PVC jacket.

Prysical Characteristics (Overall) Conductor Ave:		
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	Max. Recommended Pulling Tension:	1138.739 N
	Min. Bend Radius/Minor Axis:	114.300 mm
Applicable Specifications and Agency Compliance (Overall)	Applicable Specifications and Agency Compliance (Ov	erall)
Applicable Standards & Environmental Programs		
NEC/(UL) Specification: CM		СМ
CEC/C(UL) Specification: CM		

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9874 Multi-Conductor - Audio, Control and Instrumentation Cable

AWM Specification:	UL Style 2919 (30 V 80°C)
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
Flame Test	
UL Flame Test:	UL1685 UL Loading
Plenum/Non-Plenum	
Plenum (Y/N):	No
Electrical Characteristics (Overall)	
Nom. Characteristic Impedance:	
Impedance (Ohm) 50	
Nom. Inductance:	
Inductance (μH/m) 0.59058	
Nom. Capacitance Conductor to Conductor: Capacitance (pF/m) 98.43	
Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/m) 180.455	
Nominal Velocity of Propagation:	
Nom. Conductor DC Resistance:	
DCR @ 20°C (Ohm/km) 34.4505	
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	37.075 Ohm/km
Max. Operating Voltage - UL:	
Voltage Description 30 V RMS UL AWM Style 2919 300 V RMS CM	
Max. Recommended Current:	
Current 2.7 Amps per conductor @ 25°C	

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9874 060100	100 FT	11.700 LB	CHROME	С	6 FS PR #20 PO PVC
9874 0601000	1,000 FT	109.000 LB	CHROME	С	6 FS PR #20 PO PVC
9874 060500	500 FT	56.000 LB	CHROME	С	6 FS PR #20 PO PVC
9874 0605000	5,000 FT	580.000 LB	CHROME		6 FS PR #20 PO PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-07-2012

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Detailed Specifications & Technical Data



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