

83659 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

18 AWG stranded (19x30) TC conductors, conductors cabled, plenum, FEP insulation, overall Beldfoil® (100% coverage) + TC braid shield (85% coverage), FEP jacket.

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CEC/C(UL) Specification: CMP	. ,	
EU Directive 2011/65/EU (ROHS II): Yes		
EU Directive 2000/53/EC (ELV): Yes	EU Directive 2000/53/EC (ELV): Yes	
	EU Directive 2002/95/EC (RoHS): Yes	

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

83659 Multi-Conductor - Audio, Control and Instrumentation Cable

EU RoHS Compliance D	ate (mm/dd/yyyy):	04/01/2005				
EU Directive 2002/96/EC	C (WEEE):	Yes				
EU Directive 2003/11/EC	C (BFR):	Yes				
CA Prop 65 (CJ for Wire	e & Cable):	Yes				
MII Order #39 (China Ro	oHS):	Yes				
Flame Test						
UL Flame Test:		NFPA 262				
CSA Flame Test:		FT6				
Suitability						
Suitability - Indoor:		Yes				
Suitability - Outdoor:		Yes				
Plenum/Non-Plenum						
Plenum (Y/N):		Yes				
lectrical Characterist						
Nom. Inductance:						
0.459 Nom. Capacitance Conducto Capacitance (pF/m) 108.273	or to Conductor:					
Nom. Capacitance Cond. to 0 Capacitance (pF/m) 196.86	Other Conductor & Shield:					
Nom. Conductor DC Resistan DCR @ 20°C (Ohm/km) 19.0298	nce:					
Nominal Outer Shield DC Re DCR @ 20°C (Ohm/km) 8.8587	sistance:					
Max. Operating Voltage - UL:	:					
Voltage 300 V RMS						
Max. Recommended Current						
	irrent					
	3 Amps per conductor @ 25°C aml	bient				
out Ups and Colors:						
ltem #	Putup	Ship Weight	Color	Notes	Item Desc	

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83659 002100	100 FT	9.600 LB	RED		9#18 FEP SH FEP
83659 0021000	1,000 FT	86.000 LB	RED	С	9#18 FEP SH FEP
83659 002500	500 FT	44.000 LB	RED	С	9#18 FEP SH FEP
83659 0025000	5,000 FT	420.000 LB	RED	CZ	9#18 FEP SH FEP

Notes:

C = CRATE REEL PUT-UP

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 08-05-2013

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