Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



QUOTE 1162717B DESIGN E - Audio, Control and Instr. Cable



For more Information please call

1-800-Belden1



General Description:

EU Directive 2011/65/EU (ROHS II):

18 AWG stranded (16x30) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, PVC jacket.

Physical Characteristics (Overall)	
Conductor	
AWG: # Conductors AWG Stranding Conductor Material	
3 18 16x30 TC - Tinned Copper	
Total Number of Conductors:	3
Insulation	
Insulation Material: Insulation Material Wall Thickness (in.)	
PE - Polyethylene .018	
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
Beldfoil® (w/ shorting fold) Tape Aluminum Foil-Polyester Tape w/Sh	
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
20 Stranded TC - Tinned Copper	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (in.)	
PVC - Polyvinyl Chloride .033	
Overall Cable	
Overall Cabling Lay Length & Direction: Length (in.) Direction Twists (twist/ft) 2.700 Left Hand 4.400	
Overall Cabling Color Code Chart:	
Number Color	
1 Black 2 Red	
3 Clear	
Overall Nominal Diameter:	0.246 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2093)
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	74 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.
Applicable Specifications and Agency Compliance (Overall)	
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CM
NEC Articles:	800
CEC/C(UL) Specification:	СМ
AWM Specification:	UL Style 2093 (300 V 60°C)

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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
CSA Flame Test:	FT1
Suitability	
Suitability - Indoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



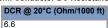
Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 8.5

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Description	Current
10C temperature rise	5.3 Amps per conductor @ 25°C ambient

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Revision Number: 0 Revision Date: 10-24-2016

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