Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



6660FT Multi-Conductor - Thermostat & Control

For more Information please call

1-800-Belden1



General Description:

Thermostat & Control Cable, Plenum-CMP, 1-24 AWG solid tinned copper pair with foamed FEP insulation, Beldfoil® shield, Flamarrest® jacket

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	24	Solid	TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	
FFEP - Foam Fluorinated Ethylene Prop	ylene

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG Strandii		Drain Wire Conductor Materia		
24	Solid	TC - Tinned Copper		

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material		
Flamarrest®	Plenum Grade PVC - Polyvinyl Chloride		

Overall Cable

Overall Nominal Diameter: 3.251 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C		
UL Temperature Rating:	75°C		
Bulk Cable Weight:	13.691 Kg/Km		
Max. Recommended Pulling Tension:	66.723 N		
Min. Bend Radius/Minor Axis:	33.020 mm		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL)) Specification:	CMF
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CEC/C(UL) Specification:	CMP
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):	02/01/2006
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:	UL910 Plenum
C(UL) Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes

Electrical Characteristics (Overall)

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



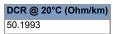
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:



Input/Unfitted Impedance:

Impedance (Ohm) 100 +/- 22

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6660FT 0011000	1,000 FT	11.000 LB	BROWN	С	1 FS PR #24 FFEP FLRST

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 03-13-2013

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