Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8737 Multi-Conductor - Single-Pair Cable

For more Information please call

1-800-Belden1



General Description:

FU CF Mark:

EU Directive 2000/53/EC (ELV):

EU Directive 2002/95/EC (RoHS):

EU Directive 2002/96/EC (WEEE):

EU Directive 2003/11/EC (BFR):

EU RoHS Compliance Date (mm/dd/yyyy):

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pair, tinned copper spiral wrapped shield (85% coverage), PVC jacket.

Physical Characteristics (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material Dia. (in.) 22 | 7x30 TC - Tinned Copper | .030 **Total Number of Conductors:** 2 Insulation Insulation Material: **Insulation Material** PVC - Polyvinyl Chloride | .060 **Outer Shield** Outer Shield Material: Outer Shield Material Coverage (%) Spiral Serve | TC - Tinned Copper | 85 **Outer Jacket** Outer Jacket Material: **Outer Jacket Material** PVC - Polyvinyl Chloride **Overall Cable Overall Nominal Diameter:** 0.180 in. Pair Pair Color Code Chart: Black & Red **Mechanical Characteristics (Overall) Operating Temperature Range:** -20°C To +80°C **UL Temperature Rating:** 80°C (UL AWM Style 2095) **Bulk Cable Weight:** 18 lbs/1000 ft. 20 lbs. Max. Recommended Pulling Tension: Min. Bend Radius/Minor Axis: 1.750 in. **Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs** NEC/(UL) Specification: CMG CEC/C(UL) Specification: CMG **AWM Specification:** UL Style 2095 (300 V 80°C) EU Directive 2011/65/EU (ROHS II): Yes

Yes

Yes

Yes

Yes

04/01/2005

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CA Prop 65 (CJ for Wire & Cable):	Yes		
MII Order #39 (China RoHS):	Yes		
Flame Test			
CSA Flame Test:	FT4		
Plenum/Non-Plenum			
Plenum (Y/N):	No		
lectrical Characteristics (Overall)			
Nom. Characteristic Impedance:			
Impedance (Ohm)			

Im	pedance	(Onm)
49		
 	l	

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



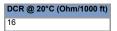
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

300 V RMS

Max. Recommended Current:

3 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8737 060U1000	1,000 FT	20.000 LB	CHROME		1 PR#22 PVC SHLD PVC
8737 060U500	500 FT	10.500 LB	CHROME		2 #22 PVC SHLD PVC
8737 0601000	1,000 FT	20.000 LB	CHROME	С	1 PR#22 PVC SHLD PVC
8737 060500	500 FT	10.000 LB	CHROME		1 PR#22 PVC SHLD PVC
8737 0605000	5,000 FT	100.000 LB	CHROME	С	1 PR #22 PVC SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-03-2012

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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