Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8718 Multi-Conductor - Single-Pair Cable

For more Information please call

1-800-Belden1



General Description:

EU Directive 2002/96/EC (WEEE):

12 AWG stranded (19x25) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 14 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material 12 19x25 TC - Tinned Copper **Total Number of Conductors:** 2 Insulation Insulation Material: Insulation Material Wall Thickness (in.) PE - Polyethylene .037 **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Beldfoil® (Z-Fold®) Tape | Aluminum Foil-Polyester Tape | 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material Stranded TC - Tinned Copper **Outer Jacket Outer Jacket Material:** Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride 0.034 **Overall Cable Overall Nominal Diameter:** 0.400 in. Pair Pair Color Code Chart: Number Color Black & Clear **Mechanical Characteristics (Overall) Operating Temperature Range:** -20°C To +80°C **UL Temperature Rating:** 80°C (UL AWM Style 20253) **Bulk Cable Weight:** 89 lbs/1000 ft. Max. Recommended Pulling Tension: 225 lbs. Min. Bend Radius/Minor Axis: Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs** NEC/(UL) Specification: AWM Specification: UL Style 20253 (600 V 80°C) EU Directive 2011/65/EU (ROHS II): Yes EU CE Mark: EU Directive 2000/53/EC (ELV): Yes EU Directive 2002/95/EC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

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	EU Directive 2003/11/EC (BFR):	Yes		
	CA Prop 65 (CJ for Wire & Cable):	Yes		
	MII Order #39 (China RoHS):	Yes		
	Other Specification:	AWM II A		
Fla	me Test			
	UL Flame Test:	UL1685 UL Loading		
	CSA Flame Test:	FT1		
Ple	Plenum/Non-Plenum			
	Plenum (Y/N):	No		

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
55

Nom. Inductance:



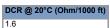
Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nom. Conductor DC Resistance:



Max. Operating Voltage - UL:

Voltage	Description			
600 V RMS	UL AWM			
300 V RMS	CSA AWM			

Max. Recommended Current:

Current						
12.5 Am	ips per	co	nduc	tor	@ 2	25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8718 060U500	500 FT	45.500 LB	CHROME		2 #12 PE SHLD PVC
8718 0601000	1,000 FT	96.000 LB	CHROME	С	2 #12 PE SHLD PVC
8718 0602000	2,000 FT	190.000 LB	CHROME	С	2 #12 PE SHLD PVC
8718 060500	500 FT	48.500 LB	CHROME	С	'#12 PE SHLD PVC
8718 0605000	5,000 FT	530.000 LB	CHROME	CZ	2 #12 PE SHLD PVC

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: 10-16-2012

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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