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.

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Physical Characteristics (Overall)	
Conductor AWG:	
# PairsAWGStrandingConductor Material11219x25TC - 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 Cove	erage (%)
Beldfoil® (Z-Fold®) Tape Aluminum Foil-Polyester Tape 100	1.030 (70)
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
14 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 1 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:	4 in.
Applicable Specifications and Agency Compliance (Ov	erall)
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	CL2
AWM Specification:	UL Style 20253 (600 V 80°C)
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):	01/01/2004

Yes

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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	num/Non-Plenum	
	Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
55

Nom. Inductance:



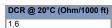
Nom. Capacitance Conductor to Conductor:



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 Amps per conductor @ 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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