

For more Information
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1-800-Belden1



Description:

16 AWG stranded (19x29) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 18 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PE - Polyethylene	0.8128

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
18	Stranded	TC	Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8128

Overall Cabling

Overall Nominal Diameter: 7.950 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Clear

Pair Lay Length & Direction:

Lay Length (mm)	Twists/ft. (twist/m)
69.849725	14.436

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 20253)
Bulk Cable Weight:	65.481 Kg/Km
Max. Recommended Pulling Tension:	453.716 N
Min. Bend Radius (Install)/Minor Axis:	76.200 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CM

AWM Specification: UL Style 20253 (600 V 80°C)

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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

65

Nom. Inductance:

Inductance (µH/m)

0.6562

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

75.463

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

144.364

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

14.7645

Max. Operating Voltage - UL:

Voltage

600 V RMS (UL AWM Style 20253); 150 V RMS

Max. Recommended Current:

Current

7 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8719 060U1000	305 MT	20.865 KG	CHROME		2 #16 LDPE FS PVC
8719 060U500	152 MT	10.886 KG	CHROME		2 #16 LDPE FS PVC
8719 0601000	305 MT	22.226 KG	CHROME	C	2 #16 LDPE FS PVC
8719 06010000	3,048 MT	195.046 KG	CHROME	C Y	2 #16 LDPE FS PVC
8719 0602000	610 MT	43.545 KG	CHROME	C	2 #16 LDPE FS PVC
8719 060500	152 MT	11.567 KG	CHROME	C	2 #16 LDPE FS PVC
8719 0605000	1,524 MT	111.131 KG	CHROME	C	2 #16 LDPE FS PVC

8719 Multi-Conductor - Single-Pair Cable

Notes:

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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