Product: 8719

Electronic, 2 C #16 Str TC, PO Ins, OS, PVC Jkt, CM

Request Sample

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
16	19x29	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.0315 in

Color Chart

Number	Color
1	Black & Clear

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	18	Stranded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.313 in	0.032 in

Construction and Dimensions

Stranding

Lay Direction	Twists
Left Hand	4.4 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
23 pF/ft	44 pF/ft

Inductance

Nominal Inductance
0.2 µH/ft

Impedance

Nominal Characteristic Impedance
65 Ohm

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	7 Amps per conductor @ 25°C Ambient

Voltage

UL Description	UL Voltage Rating
UL AWM Style 20253	600 V RMS
UL type CM	300 V RMS
UL type CL2	150 V RMS

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 20253)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	44 lbs/1000ft
Max Recommended Pulling Tension:	102 lbs
Min Bend Radius/Minor Axis:	3.25 in

Standards

NEC Articles:	800, 725
NEC/(UL) Specification:	CL2, CM
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 20253 (600 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2001-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
8719.00U152	Chrome	UnReel	152 m	8719605018397
8719.01152	Chrome	Reel	152 m	8719605018403
8719.01305	Chrome	Reel	305 m	8719605018427
8719 060500	Chrome	Reel	500 ft	612825214281
8719 060U500	Chrome	UnReel	500 ft	612825214243
8719.01610	Chrome	Reel	610 m	8719605018441
8719 0601000	Chrome	Reel	1,000 ft	612825214250
8719 060U1000	Chrome	UnReel	1,000 ft	612825214236
8719.011525	Chrome	Reel	1,525 m	8719605018410
8719 0602000	Chrome	Reel	2,000 ft	612825214274
8719.013050	Chrome	Reel	3,050 m	8719605018434
8719 0605000	Chrome	Reel	5,000 ft	612825214298
8719 06010000	Chrome	Reel	10,000 ft	612825214267

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

History

Update and Revision:	Revision Number: 0.307 Revision Date: 04-28-2020

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