

Product: 8719

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

Request Sample

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PE 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.032 in (0.81 mm)	0.122 in (3.10 mm)	Black & Clear

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (16x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.313 in (7.95 mm)

Overall Cable Diameter (Nominal):	0.313 in (7.95 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance	Max. Current
Conductor(s)	4.52 Ohm/1000ft	23 pF/ft (75 pF/m)	44 pF/ft (140 pF/m)	65 Ohm	0.2 µH/ft (0.66 µH/m)	18 Amps per Conductor at 30ºC

Nom Outer Shield DCR@Cond DCR1-cnv:	5.54 Ohm/1000ft (18.2 Ohm/km)

Voltage

UL Voltage Rating
600 V (CM), 600 V (UL AWM 20253)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.

3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	101 lbs (45.8 kg)
Bulk Cable Weight:	44 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CL2, CM
AWM Compliance:	AWM 20253
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.672 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
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	C
8719 060U500	Chrome	UnReel	500 ft	612825214243	
8719.01610	Chrome	Reel	610 m	8719605018441	
8719 0601000	Chrome	Reel	1,000 ft	612825214250	C
8719 060U1000	Chrome	UnReel	1,000 ft	612825214236	
8719.011525	Chrome	Reel	1,525 m	8719605018410	
8719 0602000	Chrome	Reel	2,000 ft	612825214274	C
8719.013050	Chrome	Reel	3,050 m	8719605018434	
8719 0605000	Chrome	Reel	5,000 ft	612825214298	C
8719 06010000	Chrome	Reel	10,000 ft	612825214267	C Y

Footnote:	C - CRATE REEL PUT-UP., 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'.

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