



Product: [8720](#)

Electronic, 2 C #14 Str TC, PE Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Conductor 14AWG (19x27) 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
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	14 AWG	19x27	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.032 in (0.81 mm)	0.140 in (3.56 mm)	Black & Clear

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	16 AWG (19x29) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.355 in (9.02 mm)

Overall Cable Diameter (Nominal):	0.355 in (9.02 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	2.84 Ohm/1000ft	24 pF/ft (79 pF/m)	47 pF/ft (150 pF/m)	58 Ohm	25 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
600 V (UL AWM 20253), 300 V (CSA AWM)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.6 in (91 mm)	3.6 in (91 mm)

Max. Pull Tension:	135 lbs (61.2 kg)
Bulk Cable Weight:	64 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2
AWM Compliance:	AWM 20253
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: 0.489 Revision Date: 12-19-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN
8720.00305	Chrome	Reel	305 m	8719605018533
8720 060500	Chrome	Reel	500 ft	612825214359
8720 060U500	Chrome	UnReel	500 ft	612825214328
8720 0601000	Chrome	Reel	1,000 ft	612825214335
8720.001000	Chrome	Reel	1,000 m	8719605126818
8720 0602000	Chrome	Reel	2,000 ft	612825214342
8720.002000	Chrome	Reel	2,000 m	8719605018526
8720 0605000	Chrome	Reel	5,000 ft	612825214366

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