



Product: [8720](#)

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

 Request Sample

Product Description

Electronic, 2 Conductor 14AWG (19x27) 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

Element	AWG	Stranding	Material	No. of Pairs
Pair(s)	14	19x27	TC - Tinned Copper	1

Conductor Count:2

Total Number of Pairs:1

Insulation

Element	Material	Nominal Wall Thickness
Pair(s)	PE - Polyethylene	0.032 in

Color Chart

Number	Color
1	Black & Clear

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Alum / Poly	Beldfoil® (Z-Fold®)	100 %	TC - Tinned Copper	16

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.355 in	0.035 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR

2.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to ConductorNom. Capacitance Conductor to Other Conductor to Shield

24 pF/ft47 pF/ft

Inductance

Nominal Inductance

0.2 µH/ft

Impedance

Nominal Characteristic Impedance
58 Ohm

Current

Max. Recommended Current [A]
9.5 Amps per conductor @ 25°C

Voltage

Non-UL Voltage Rating	UL Description	UL Voltage Rating
300 V RMS	UL AWM Style 20253	600 V RMS
	CSA	300 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:	64 lbs/1000ft
Max Recommended Pulling Tension:	160 lbs
Min Bend Radius/Minor Axis:	3.75 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CL2
CEC/C(UL) Specification:	AWM II A
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):	2004-01-01
MII Order #39 (China RoHS):	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
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Part Number

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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.306 Revision Date: 05-11-2020
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