



Product: [8729](#) 

Electronic, 4 C #22 Str TC, PO Ins, OS, PVC Jkt, CM

 [Request Sample](#)

Product Description

Electronic, 4 Conductor 22AWG (19x34) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	22	19x34	TC - Tinned Copper	4

Conductor Count:	4
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Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PE - Polyethylene	0.0155 in

Color Chart

Number	Color
1	Black
2	Red
3	Green
4	Clear

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil® (Z-Fold®)	100 %	TCCS - Tinned Copper Covered Steel	22	Solid
				TCCS - Tinned Copper Covered Steel	25	7x33

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.257 in	0.051 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
14 Ohm/1000ft	12.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
22 pF/ft	42 pF/ft

Current

Max. Recommended Current [A]

2.3 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C (UL AWM Style 2094)
Operating Temp Range:	-40°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	43 lbs/1000ft
Max Recommended Pulling Tension:	100 lbs
Min Bend Radius/Minor Axis:	2.75 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CL3, CM
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 2094 (300 V 75°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):	2005-04-01
CA Prop 65:	Yes
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:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8729 009500	White	Reel	500 ft	612825214724
8729 009U500	White	UnReel	500 ft	612825214700
8729 0091000	White	Reel	1,000 ft	612825214717
8729 009U1000	White	UnReel	1,000 ft	612825214694
8729 0095000	White	Reel	5,000 ft	612825214731

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.307 Revision Date: 05-11-2020
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