



Product: [8729](#) 

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

 [Request Sample](#)

Product Description

Electronic, 4 Conductor 22AWG (19x34) Tinned Copper, PE 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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Construction Details

Conductor

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

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.062 in (1.6 mm)	Black, Red, Green, Clear

Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (Solid) TCCS	Also has Stranded #25 drain

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.051 in (1.3 mm)	0.257 in (6.53 mm)

Overall Cable Diameter (Nominal): 0.257 in (6.53 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	17.8 Ohm/1000ft	22 pF/ft (72 pF/m)	42 pF/ft (140 pF/m)	4.8 Amps per Conductor at 30°C
Nom Outer Shield DCR:	12.56 Ohm/1000ft (41.21 Ohm/km)			

Voltage

UL Voltage Rating
300 V (CM), 300 V (UL AWM 2094)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.6 in (66 mm)	2.6 in (66 mm)

Max. Pull Tension:	46 lbs (21 kg)
Bulk Cable Weight:	43 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 800, CM, CL3
AWM Compliance:	AWM 2094
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: 0.480 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8729 009500	White	Reel	500 ft	612825214724	C
8729 009U500	White	UnReel	500 ft	612825214700	
8729 0091000	White	Reel	1,000 ft	612825214717	C
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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