



**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	Number of Element	AWG	Stranding	Material
Conductor(s)	4	22	19x34	TC - Tinned Copper

**Insulation**

Element	Material	Thickness	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	Black, Red, Green, Clear

**Outer Shield Material**

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**

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

Cable Diameter (Nominal):	0.257 in (6.53 mm)
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	14 Ohm/1000ft (46 Ohm/km)	22 pF/ft (72 pF/m)	42 pF/ft (140 pF/m)	2.3 Amps per Conductor at 25°C

Nom. Outer Shield DCR:	12.3 Ohm/1000ft
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**Voltage**

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

**Mechanical Characteristics**

**Temperature**

UL Rating	Operating
75°C (UL AWM 2094)	-40°C to +75°C

**Bend Radius**

Stationary Min.	Installation Min.

2.6 in (66 mm)	2.6 in (66 mm)
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Max. Pull Tension:	100 lbs (45 kg)
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Bulk Cable Weight:	43 lbs/1000ft (64 kg/km)
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## Standards and Compliance

Environmental Suitability:	Indoor
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Sustainability:	CA Prop 65
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Flammability / Fire Resistance:	UL1685 UL Loading, FT1, IEC 60332-1-2
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NEC / UL Compliance:	Article 800, CM, CL3
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AWM Compliance:	2094
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CEC / C(UL) Compliance:	CM
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CPR Euroclass:	Eca
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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)
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APAC Compliance:	China RoHS II (GB/T 26572-2011)
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## History

Update and Revision:	Revision Number: 0.362 Revision Date: 07-02-2021
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