



REPRESENTATIVE IMAGE

Product: [9770](#)

Electronic, 3 C #22 Str TC, PP Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 3 Conductor 22AWG (7x30) Tinned Copper, PP 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)	3	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.009 in (0.23 mm)	Black, Red, White

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (19x34) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.145 in

Cable Diameter (Nominal):	0.145 in (3.68 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)	16 Ohm/1000ft (52 Ohm/km)	32 pF/ft (100 pF/m)	60 pF/ft (200 pF/m)	3 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V (CM)

Mechanical Characteristics

Temperature

Operating

-20°C to +90°C

Bend Radius

Stationary Min. Installation Min.

1.5 in (38 mm) 1.5 in (38 mm)

Max. Pull Tension:	29 lbs (13 kg)
Bulk Cable Weight:	16 lbs/1000ft (24 kg/km)

Standards and Compliance

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

History

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