



**Product:** <u>9461</u> ☑

Electronic, 1 Pr #22 Str TC, PE Ins, OS, PVC Jkt, CM

Request Sample

# **Product Description**

Electronic, 1 Pair 22AWG (7x30) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

# **Technical Specifications**

### **Product Overview**

Suitable Applications: for use with automatic stripping equipments; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring

# **Construction Details**

### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.017 in (0.43 mm)	0.062 in (1.6 mm)	Black & Clear

# Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
Таре	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC	Foil-In

# Outer Jacket

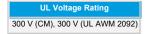
Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.026 in (0.66 mm)	0.180 in (4.57 mm)
Overall Cable Diameter (Nominal):	0.180 in (4	.57 mm)

# **Electrical Characteristics**

# Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Pair(s)	16 Ohm/1000ft	24 pF/ft (79 pF/m)	47 pF/ft (150 pF/m)	64 Ohm	3 Amps per Conductor at 25°C

#### Voltage



# **Mechanical Characteristics**

# Temperature

<b>UL Temperature</b>	Operating
60°C	-20°C to +60°C

# Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	20 lbs/1000ft

### **Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), 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
AWM Compliance:	AWM 2092
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)

### **Product Notes**

1	Notes:	Shield is bonded to jacket so both can be removed on automatic stripping equipment.

### **History**

Update and Revision:	Revision Number: 0.534 Revision Date: 02-03-2025

#### **Part Numbers**

#### Variants

Item #	Color	UPC
9461 0605000	Chrome	612825253419
9461 060U1000	Chrome	612825253396
9461 060U500	Chrome	612825253402

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