



REPRESENTATIVE IMAGE

Product: [9460](#)

Electronic, 1 Pr #18 Str TC, PE Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 1 Pair 18AWG (16x30) 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
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	18	16x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Pair(s)	PE - Polyethylene	0.018 in	Black & Clear

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC	Foil-In

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.030 in	0.230 in

Cable Diameter (Nominal):	0.230 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Pair(s)	6.5 Ohm/1000ft	29.8 pF/ft	44 pF/ft	57 Ohm	5.2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (CM)

Mechanical Characteristics

Temperature

UL Rating	Operating
-20°C to +60°C	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in	2.3 in

Max. Pull Tension:	70 lbs
Bulk Cable Weight:	34 lbs/1000ft

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, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield.
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History

Update and Revision:	Revision Number: 0.361 Revision Date: 02-16-2021
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