



Product: [9890](#)

Electronic, 10 C #20 Sol TC, PO Ins, OS, PO Jkt

[Request Sample](#)

Product Description

Electronic, 10 Conductor 20AWG (Solid) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PO Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	direct burial applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	10	20 AWG	Solid	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.013 in (0.33 mm)	0.058 in (1.5 mm)	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Gray

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PE - Polyethylene	0.04 in (1.0 mm)	0.31 in

Table Notes:	HDPE
Overall Cable Diameter (Nominal):	0.31 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
18.1 Ohm/1000ft	23 pF/ft (75 pF/m)	42 pF/ft (140 pF/m)	2.7 Amps per Conductor at 25°C

Voltage

Voltage Rating
350 V

Mechanical Characteristics

Temperature

Operating
-40°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in

Max. Pull Tension:	137.8 lbs (62.51 kg)
Bulk Cable Weight:	60 lbs/1000ft

Standards and Compliance

European Directive Compliance:	EU CE Mark, 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: 0.388 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	UPC
9890 0101000	Black	612825260042
9890 010500	Black	612825260059

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