



Product: [9803](#) 

Electronic, 3 C #20 Sol TC, PO Ins, OS, PO Jkt

 [Request Sample](#)

Product Description

Electronic, 3 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

Size	Stranding	Material
20	Solid	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Color Code
PP - Polypropylene	0.013 in (0.33 mm)	White, Black, Red

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PE - Polyethylene	0.035 in (0.89 mm)	0.205 in

Outer Jacket1 Table Notes:	HDPE
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
10.5 Ohm/1000ft (34.4 Ohm/km)	23 pF/ft (75 pF/m)	42 pF/ft (140 pF/m)	3.9 Amps per Conductor at 25°C

Nom Outer Shield DCR:	12 Ohm/1000ft (39 Ohm/km)
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Voltage

Voltage Rating
350 V RMS

Mechanical Characteristics

Temperature

Operating
-40°C To +80°C

Max. Pull Tension:	37.2 lbs (16.9 kg)
Bulk Cable Weight:	23 lbs/1000ft (34 kg/km)

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: 0.394 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9803 0101000	Black	612825258735	C

Footnote:	C - CRATE REEL PUT-UP.
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