



**Product:** [9802](#)

Electronic, 2 C #20 Sol TC, PO Ins, OS, PO Jkt

[Request Sample](#)

## Product Description

Electronic, 2 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
------------------------	---

### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	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)	White, Black

#### 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	0.035 in (0.89 mm)	0.19 in

Table Notes:	HDPE
Overall Cable Diameter (Nominal):	0.19 in

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
18.1 Ohm/1000ft	31.6 pF/ft (104 pF/m)	42 pF/ft (140 pF/m)	54 Ohm	3.9 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.
1.9 in (48 mm)	1.9 in

Max. Pull Tension:	37.8 lbs (17.1 kg)
Bulk Cable Weight:	18 lbs/1000ft

## Standards and Compliance

CPR Compliance:	CPR Euroclass: Fca
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: 0.400 Revision Date: 04-08-2022
----------------------	--

## Part Numbers

### Variants

Item #	Color	UPC
9802 0101000	Black	612825258711
9802 010500	Black	612825258728

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.