



REPRESENTATIVE IMAGE

**Product:** [9554](#)

High Perform Instr, 4 Pr #18 Str TC, PVC Ins E2, OS, PVC Jkt, PLTC-ER

[Request Sample](#)

## Product Description

High Performance Instrumentation, 4 Pair 18AWG (19x30) Tinned Copper, PVC Insulation E2 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

## Technical Specifications

### Product Overview

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, 4-20mA, 0-10V
------------------------	--

### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	4	18 AWG	19x30	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	Black, Red and Numbered

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (7x26) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.053 in (1.3 mm)	0.466 in (11.8 mm)	Yes

Overall Cable Diameter (Nominal):	0.466 in (11.8 mm)
-----------------------------------	--------------------

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield
Pair(s)	6.0 Ohm/1000ft (20 Ohm/km)	35 pF/ft (110 pF/m)	54 pF/ft (180 pF/m)

#### Voltage

UL Voltage Rating
300 V (PLTC, CMG), 150 V (ITC)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
105°C	-30°C to +105°C

Table Notes:	AWM 80°C
--------------	----------

#### Bend Radius

Stationary Min.	Installation Min.

4.7 in (120 mm)	4.7 in (120 mm)
-----------------	-----------------

Max. Pull Tension:	220 lbs
--------------------	---------

Bulk Cable Weight:	113 lbs/1000ft
--------------------	----------------

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
----------------------------	--

Flammability / Reaction to Fire:	UL1685 Vertical Tray Flame Test, FT4, T-29-520, 1202
----------------------------------	--

NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC-ER, PLTC-ER
----------------------	---

AWM Compliance:	2464
-----------------	------

CEC / C(UL) Compliance:	CMG
-------------------------	-----

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)
--------------------------------	---

APAC Compliance:	China RoHS II (GB/T 26572-2011)
------------------	---------------------------------

## History

Update and Revision:	Revision Number: 0.391 Revision Date: 12-15-2021
----------------------	--

## Variants

Item #	Color	UPC
9554 0601000	Chrome	612825255833
9554 060500	Chrome	612825255840
9554 0605000	Chrome	612825255857

© 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Multi-Conductor Cables](#) category:*

*Click to view products by [Belden](#) manufacturer:*

Other Similar products are found below :

[8916-GRY-100](#) [8917-BLK-100](#) [8918-GRN/YEL-100](#) [8920-BRN-1000](#) [8920-RED-1000](#) [89907-LT-DEC/GRY-500](#) [CR3909-000](#) [CR3927-000](#) [01342.35T.01](#) [01364.35T.01](#) [CS2885-000](#) [CS8782-000](#) [CS9912-000](#) [6200UE-NAT-U1000](#) [CTC-0062-20-9/5-9](#) [CTC-0062-22-9/5-9](#) [6304FE-877-U500](#) [6309UE-877-1000](#) [6320UE-NAT-U1000](#) [644833-000](#) [6502FE 8771000](#) [6504UE-877-U1000](#) [CW9530-000](#) [CX6543-000](#) [CXA-0066-20-4-9CS2973](#) [CXA-0078-16-1-9CS2405](#) [CXA-0078-22-4-9CS2405](#) [CXA-0078-24-4-9CS2405](#) [CXA-0140-16-6/9-9CS2405](#) [CY0660-000](#) [706/2R-BLACK-EACH](#) [720451-000](#) [730859-000](#) [MCC-USB-4-250](#) [752687-000](#) [768146-000](#) [773159-000](#) [7934A-BLK-1000](#) [8125-CHR-100](#) [8164-CHR-1000](#) [820457-000](#) [8205-CHR-1000](#) [8240-BLK-U1000](#) [82723-NAT-1000](#) [82907-NAT-500](#) [83003-YEL-500](#) [83005-WHT-500](#) [83006-DK-GRN-100](#) [83008-WHT-1000](#) [83009-BLK-100](#)