



**Product:** [9333](#)

High Perform Instr, 11 Pr #22 Str TC, PVC Ins E2, IS, PVC Jkt, PLTC-ER

[Request Sample](#)

**Product Description**

High Performance Instrumentation, 11 Pair 22AWG (7x30) Tinned Copper, PVC Insulation E2 Color Code, Individual Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	11

Conductor Count:	22
Total Number of Pairs:	11

**Insulation**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.062 in

**Color Chart**

Number	Color
1	Black & Red and Numbered 1
2	Black & Red and Numbered 2
3	Black & Red and Numbered 3
4	Black & Red and Numbered 4
5	Black & Red and Numbered 5
6	Black & Red and Numbered 6
7	Black & Red and Numbered 7
8	Black & Red and Numbered 8
9	Black & Red and Numbered 9
10	Black & Red and Numbered 10
11	Black & Red and Numbered 11

**Inner Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	22	7x30

**Outer Shield Material**

<b>Material</b>
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.592 in	0.053 in	Yes

**Electrical Characteristics**

## Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
76 Ohm/1000ft	15 Ohm/1000ft

## Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
26 pF/ft	45 pF/ft

## Inductance

Nominal Inductance
0.21 $\mu$ H/ft

## Current

Max. Recommended Current [A]
2.4 Amps per Conductor at 25°C

## Voltage

UL Voltage Rating
300 V RMS
150 V RMS (ITC)

## Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-30°C To +105°C

## Mechanical Characteristics

Bulk Cable Weight:	160 lbs/1000ft
Max. Pull Tension:	160 lbs
Min Bend Radius/Minor Axis:	5.9 in

## Standards

NEC/(UL) Compliance:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Compliance:	CMG
UL AWM Style Compliance:	UL Style 2464 (300 V 80°C)
CSA AWM Compliance:	2464

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Part Number

---

### Variants

Item #	Color	UPC
9333 0601000	Chrome	612825231172
9333 060500	Chrome	612825231189

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

## History

---

Update and Revision:	Revision Number: 0.343 Revision Date: 02-16-2021
----------------------	--

© 2021 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.