



Cáp Belden: [I2331FF01](#) 

1 PR 1mm² Str BC, PVC Ins, OS, PVC Jkt

Product Description

1 Pair 1mm² Stranded Bare Copper, PVC Insulation, Overall Foil Shield, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	For Control Applications up to 300V
------------------------	-------------------------------------

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
1 mm ²	Stranded	BC - Bare Copper	1

Insulation

Material
PVC - Polyvinyl Chloride

Color Chart

Number	Color
Pair #1	White #1 & Black #1

Outer Shield

Material	Drainwire Material
Bi-Laminate (Alum+Poly)	Stranded Tinned Copper

Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	5.8 mm

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
18.1 Ohm/km

Capacitance

Element	Max. Mutual Capacitance
@ 1 kHz	250 pF/m

Voltage

Voltage Rating [V]
300 V

Temperature Range

Operating Temperature Range:	EN: -30°C to +70°C UL: -30°C to +90°C
------------------------------	---------------------------------------

Mechanical Characteristics

Oil Resistance:	Yes
-----------------	-----

Standards

Other Standards:	BS EN 50288-7
------------------	---------------

Suitability

Suitability - Oil Resistance:	Yes
Suitability - Sunlight Resistance:	Yes - Black only

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
Fire Resistance (Time to Failure) Compliance:	IEC 60332-1

History

Update and Revision:	Revision Number: 0.21 Revision Date: 02-15-2024
----------------------	---

© 2026 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.