


**Product:** [1671A](#) 

Conformable Coax, 50 Ohm RG-405, 24 AWG Solid SCCS, Copper-Tin Composite Shield, Unjacketed



**Product Description**

Conformable Coax, 50 Ohm, RG-405, 24 AWG Solid Silvered Copper Covered Steel Conductor, PTFE Insulation, Copper Tape + 100% Tin-Filled Composite Braid Shield, Unjacketed

**Technical Specifications**

**Product Overview**

Suitable Applications:	Microwave and other high frequency applications, Interconnect RF equipment, Radar equipment, Military communications
------------------------	--

**Construction Details**

RG Type:	405
----------	-----

**Electrical Characteristics**

Table Notes:	VSWR limit is a continuous sloping line from 500 MHz to 20 GHz
--------------	--

**Attenuation**

Frequency	Nom. Attenuation [dB/100ft]
500 MHz	15.0 dB/100ft
1000 MHz	22.5 dB/100ft
3000 MHz	32.8 dB/100ft
3000 MHz	41.2 dB/100ft
5000 MHz	54.9 dB/100ft
7000 MHz	66.4 dB/100ft
10000 MHz	81.2 dB/100ft
15000 MHz	102 dB/100ft
18000 MHz	113 dB/100ft
20000 MHz	120 dB/100ft

**Electricals**

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Impedence
64.2 Ohm/1000ft	10.2 Ohm/1000ft	29.5 pF/ft	50 Ohm

**Mechanical Characteristics**

**Temperature**

UL Rating	Operating
105°C	-70°C to +200°C

**Bend Radius**

Installation Min.
0.125 in

Bulk Cable Weight:	12 lbs/1000ft
Max. Pull Tension:	26 lbs

**Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
----------------------------	--------------------------------------

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL 1581 Horizontal Wire
AWM Compliance:	10245
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.347 Revision Date: 08-25-2020
----------------------	--

© 2020 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Belden Wire & Cable:

[1671A TIN50](#) [1671A TIN500](#) [1671A TIN100](#) [1671A TIN1000](#)