



REPRESENTATIVE IMAGE

Product: [9250](#)

95Ω Twinax RG-22B/U Type, 1Pr #18 Str BC, PE Ins, PE Inner Jkt, Two TC Braids, Non-contaminating PVC Jkt

Product Description

Twinax 95Ω RG-22B/U Type, 1 Pair, 18 AWG (7x26) bare copper, polyethylene insulation, polyethylene inner jacket, tinned copper double braid shield (95% coverage each), non-contaminating PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Computer, Instrumentation
------------------------	---------------------------

Construction Details

RG Type:	22
----------	----

Conductor

AWG	Stranding	Nom. Diameter	Material	Notes
18	7x26	0.046 in	BC - Bare Copper	
18	7x26	0.036 in	BC+TC - Bare Copper + Tinned Copper	Only center strand is Tinned

Insulation

Material	Color Code	Nom. Diameter	Notes
PE - Polyethylene	Clear	0.089 in	PE on both conductors
PE - Polyethylene	Clear	0.282 in	PE over pair

Inner Jacket Material

Material
PE - Polyethylene

Outer Shield Material

Layer	Outer Shield Type	Material	Coverage
1	Braid	Tinned Copper (TC)	95%
2	Braid	Tinned Copper (TC)	95%

Outer Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride (Non-Contaminating)	0.416 in

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.30 dB/100ft
10 MHz	0.90 dB/100ft
20 MHz	1.30 dB/100ft
50 MHz	2.10 dB/100ft
100 MHz	3.00 dB/100ft
200 MHz	4.50 dB/100ft
400 MHz	6.30 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Cond (Mutual)	Nom. Impedence	Nom. Velocity
6.6 Ohm/1000ft	0.9 Ohm/1000ft	16.0 pF/ft	95 Ohm	66%

Voltage

Non-UL Voltage Rating
750 V

Mechanical Characteristics

Temperature

Operating
-40°C to +60°C

Bend Radius

Installation Min.
4.5 in

Bulk Cable Weight:	119 lbs/1000ft
Max. Pull Tension:	237 lbs

Standards and Compliance

Environmental Suitability:	Outdoor, Outdoor, Sunlight Resistance, UV Resistance
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	VW-1
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: 0.292 Revision Date: 10-02-2020
----------------------	--

© 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.