Belden



Product: 9269

93Ω RG-62A/U Type, #22 Sol BCCS, Semi-solid PE, BC Braid, PVC Jkt, CM

Product Description

Coax 93Ω RG-62A/U Type, 22 AWG solid bare copper-covered steel, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	Computer, Instrumentation

Construction Details

RG Type:	62

Conductor

Size	Stranding	Nom. Diameter	Material
22 AWG	Solid	0.025 in	BCCS - Bare Copper Covered Steel

Insulation

Material	Nom. Insulation Diameter	Color Code	Notes
PE - Polyethylene (Semi-Solid)	0.146 in (3.71 mm)	White	Solid PE monofilament spiral around conductor. Solid PE tube over monofilament

Outer Shield

Layer	Outer Shield Type	Material	Coverage
1	Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.239 in (6.07 mm)

Overall Cable Diameter (Nominal):	0.239 in (6.07 mm)

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation
1 MHz	0.30 dB/100ft
10 MHz	0.90 dB/100ft
50 MHz	1.90 dB/100ft
100 MHz	2.70 dB/100ft
200 MHz	3.80 dB/100ft
400 MHz	5.30 dB/100ft
700 MHz	7.30 dB/100ft
900 MHz	8.20 dB/100ft
1000 MHz	8.70 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
41.2 Ohm/1000ft	2.9 Ohm/1000ft (9.5 Ohm/km)	13.5 pF/ft (44.3 pF/m)	93 Ohm	84%

Voltage

UL Voltage Rating	Voltage Rating
300 V (CM), 30 V (UL AWM 1478)	300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-40°C to +60°C

Bend Radius

Installation Min.
2.4 in (61 mm)

Max. Pull Tension:	88 lbs (40 kg)
Bulk Cable Weight:	34 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Sunlight Resistance - Black only, Aerial - When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CL2, CM
AWM Compliance:	AWM 1478
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	P-MSHA-SC-182/3, IBM Part No. 323921
Plenum Number:	89269, 87269, 82269

History

Update and Revision:	Revision Number: 0.487 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9269 A8RU1000	Beige	UnReel	1,000 ft	612825226079	
9269 010500	Black	Reel	500 ft	612825226154	C
9269 010U500	Black	UnReel	500 ft	612825226109	
9269 0101000	Black	Reel	1,000 ft	612825226116	
9269 010U1000	Black	UnReel	1,000 ft	612825226093	
9269 0101640	Black	Reel	1,640 ft	612825226123	C
9269 0102000	Black	Reel	2,000 ft	612825226130	C
9269 0103280	Black	Reel	3,280 ft	612825226147	C
9269 0105000	Black	Reel	5,000 ft	612825226161	C
9269 060U1000	Chrome	UnReel	1,000 ft	612825226178	
9269 003U1000	Orange	UnReel	1,000 ft	612825226086	

Footnote:	C - CRATE REEL PUT-UP.

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