



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
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Construction Details

RG Type:	62
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Conductor

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

Insulation

Material	Nom. Insulation Diameter	Notes
PE - Polyethylene (Semi-Solid)	0.146 in (3.71 mm)	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)
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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 (135 Ohm/km)	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

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C (UL AWM 1478)	-30°C to +75°C

Bend Radius

Installation Min.
2.4 in

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

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Aerial - When supported by messenger wire
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading
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)
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: 0.309 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9269 A8RU1000	Beige	UnReel	1,000 ft	612825226079
9269 010500	Black	Reel	500 ft	612825226154
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
9269 0102000	Black	Reel	2,000 ft	612825226130
9269 0103280	Black	Reel	3,280 ft	612825226147
9269 0105000	Black	Reel	5,000 ft	612825226161
9269 060U1000	Chrome	UnReel	1,000 ft	612825226178
9269 003U1000	Orange	UnReel	1,000 ft	612825226086

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