



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

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

Insulation

Material	Nom. Diameter	Notes
PE - Polyethylene (Semi-Solid)	0.146 in	Solid PE monofilament spiral around conductor. Solid PE tube over monofilament

Outer Shield Material

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

Outer Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.239 in

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation [dB/100ft]
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. Impedance	Nom. Velocity
41.2 Ohm/1000ft	2.9 Ohm/1000ft	13.5 pF/ft	93 Ohm	84%

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

Installation Min.
2.4 in

Bulk Cable Weight:	34 lbs/1000ft
Max. Pull Tension:	88 lbs

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 UL Loading
NEC / UL Compliance:	CL2, CM
AWM Compliance:	1478
CEC / C(UL) Compliance:	CM
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)
Other Standard Compliance(s):	P-MSHA-SC-182/3, IBM P/N 323921
Plenum Number:	89269, 87269, 82269

History

Update and Revision:	Revision Number: 0.297 Revision Date: 10-16-2020
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