



Product: [8255](#)

93Ω RG-62B/U Type, #24 Str BCCS, Semi-solid PE, BC Braid, Non-Contaminating PVC Jkt, CMX

Product Description

Coax 93Ω RG-62B/U Type, 24 AWG (7x32) bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), non-contaminating PVC jacket

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
24	7x32	0.024 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

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

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride (Non-Contaminating)	0.242 in

Electrical Characteristics

Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.31 dB/100ft
10 MHz	0.90 dB/100ft
50 MHz	2.00 dB/100ft
100 MHz	2.90 dB/100ft
200 MHz	4.20 dB/100ft
400 MHz	6.10 dB/100ft
700 MHz	8.60 dB/100ft
900 MHz	10.10 dB/100ft
1000 MHz	11.0 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity
59.0 Ohm/1000ft	2.9 Ohm/1000ft	13.5 pF/ft	93 Ohm	84%

Voltage

UL Voltage Rating	Voltage Rating
300 V (CMX), 30 V (UL AWM 1354)	750 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C (UL AWM 1354)	-40°C to +85°C

Bend Radius

Installation Min.
2.4 in

Bulk Cable Weight:	33 lbs/1000ft
Max. Pull Tension:	60 lbs

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Sunlight Resistance
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1581
NEC / UL Compliance:	CMX
AWM Compliance:	1354
CEC / C(UL) Compliance:	CMX
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)

History

Update and Revision:	Revision Number: 0.324 Revision Date: 10-13-2021
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