



Product: [9269LS](#)

Computer Cable for RG-62A/U Type Coaxial Cable

Product Description

22 AWG, Bare Copper Covered Steel, Polyethylene Insulation, 34 AWG Copper Braiding, FRNC Sheath, Steel Wire Armor, FRNC Jacket

Technical Specifications

Product Overview

Suitable Applications:	RG62A/U Coax 93 Ohm; For data transmission applications
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	Nominal Diameter	No. of Conductors
Coax(es)	22	Solid	BCCS - Bare Copper Covered Steel	0.64 in	1

Conductor Count:	1
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Insulation

Element	Type	Material	Nominal Diameter	Diameter +/- Tolerance
Coax(es)	Semi-solid dielectric	PO - Polyolefin	3.71 mm	0.13 mm

Color Chart

Number	Color
Wire 1	Clear

Inner Jacket

Material	Color	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	Black	6.1 mm	0.89 mm

Outer Shield

Type	Material	Coverage [%]
Braid	Bare Copper (BC)	95%

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	10.55 mm	1.3 mm

Construction and Dimensions

Armor

Type of Armor	Material	Thickness of Armoring Wires	Coverage Percentage
Steel Wire Armoring	Galvanized steel wire	0.9 mm	Min. 95%

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.5 Ohm/1000ft	9.5 Ohm/km

Capacitance

Nom. Capacitance Conductor to Shield
44.3 pF/m

Inductance

Nominal Inductance
0.38 μ H/m

Impedance

Nominal Characteristic Impedance
93 Ohm

High Frequency (Nominal/Typical)

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.82 dB/100m
10 MHz	2.79 dB/100m
50 MHz	6.23 dB/100m
100 MHz	8.86 dB/100m
200 MHz	12.47 dB/100m
400 MHz	17.39 dB/100m
700 MHz	23.95 dB/100m
900 MHz	26.9 dB/100m
1000 MHz	28.54 dB/100m

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
400 ns/ft	84%

Voltage

Voltage Rating [V]
750 V

Temperature Range

Installation Temperature Range:	-15°C To +80°C
Storage Temperature Range:	-45°C to +80°C
Operating Temp Range (Flexible Install):	-15 to +80 °C
Operating Temp Range (Fixed Install):	-45 to +80 °C

Mechanical Characteristics

Oil Resistance:	IEC 60811-404
Max. Pull Tension:	46.8 lbs
Min. Bend Radius During Installation:	158.25 mm

Standards

CENELEC Compliance:	EN 50290-2-20
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Applicable Environmental and Other Programs

Environmental Space:	Indoor, Indoor/Outdoor, Outdoor, Indoor/Outdoor - Euroclass Eca
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-3-24
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 μ S/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 - Smoke Density Min. Transmittance:	60%

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
9269LS.00500	Black	Reel	500 m	8719605020390

9269LS.009999	Black	Reel	500 m	8719605174154
9269LS.001000	Black	Reel	1,000 m	8719605020383

History

Update and Revision:	Revision Number: 0.185 Revision Date: 06-28-2024
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