



**Part Number:** 9269LS.001000

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

## Product Specifications

### Application

Suitable Applications:	RG62A/U Coax 93 Ohm; For data transmission applications
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## Technical Specifications

### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
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### Bend Radius

Min Bend Radius During Installation:	158.25 mm
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### EMEA Standard

CENELEC Compliance:	EN 50290-2-27
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### General Electrical Parameters

Dielectric Strength Cond-Screen (2 sec. ):	2.5 kV DC
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History

Revision Number:	6
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Safety

ISO/IEC Flammability:	IEC 60332-3-24
Amt of Halogen Acid Gas; MaxConductivity:	10 $\mu$ S/mm
Amt of Halogen Acid Gas; Min pH:	4.3
Smoke Density; Min Transmittance:	60%
Amt of Halogen IEC 60754-1 /EN50267-1:	Zero

Use

Oil Resistance:	IEC 60811-404
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Impedance:

Nominal Characteristic Impedance
93 Ohm

Inductance:

Nominal Inductance
0.38 $\mu$ H/m

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
135.2 Ohm/km	9.5 Ohm/km

Color Chart 1:

Number	Color
Wire 1	Clear

Delay:

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

Voltage:

Voltage Rating [V]
750 V

## Capacitance:

### Nom. Capacitance Conductor to Shield

44.3 pF/m

## 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

## Innerjacket:

### Material

### Color

### Nominal Diameter

### Nominal Wall Thickness

FRNC / LSZH

Black

6.1 mm

0.89 mm

## Armor:

### Type of Armor

### Material

### Thickness of Armoring Wires

### Coverage Percentage

Steel Wire Armoring

Galvanized steel wire

0.9 mm

Min. 95 %

## Insulation:

### Type

### Material

### Nominal Diameter

### Diameter +/- Tolerance

Semi-solid dielectric

Polyethylene

3.71 mm

0.13 mm

## Outerjacket 1:

### Material

### Color

### Nominal Diameter

### Nominal Wall Thickness

FRNC / LSZH (UV stabilised)

Black

10.55 mm

1.3 mm

## Conductor:

### AWG

### Stranding

### Material

### Nominal Diameter

### No. of Conductors

22

Solid

Bare copper covered steel

0.64 in

1

Other Electrical Information:

Dielectric Strength Cond-Screen (2 sec.)	2.5 kV DC
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Outershield 1:

Type	Material	Coverage [%]
Braid	Bare copper	95 %

Product Variants

Part Number	Color	Put-Up Type	Length
9269LS 0101640	BLACK	Reel	500 m
9269LS.001000	BLACK	Reel	1000 m
9269LS.00500	BLACK	Reel	500 m
9269LS.001000			

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