



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
------------------------	---

Technical Specifications

Applicable Patents

Patent:	http://www.belden.com/p
---------	---

Bend Radius

Min Bend Radius During Installation:	158.25 mm
--------------------------------------	-----------

EMEA Standard

CENELEC Compliance:	EN 50290-2-27
---------------------	---------------

General Electrical Parameters

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

History

Revision Number:	6
------------------	---

Safety

ISO/IEC Flammability:	IEC 60332-3-24
Amt of Halogen Acid Gas; Max Conductivity:	10 μ 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
-----------------	---------------

Impedance:

Nominal Characteristic Impedance

93 Ohm

Inductance:

Nominal Inductance

0.38 μ 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
--	-----------

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			

© 2017 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.