



For more Information
please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) conductors, foam polyethylene insulation (coax) and PVC (Pairs) insulation, coax w/BC braid shield (95% coverage), (1) twisted pair w/Beldfoil® shield, 22 AWG drain wire, PVC jacket.

Coax

Physical Characteristics

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	7x30	BC - Bare Copper	0.030

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.146

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	% Coverage (%)
Braid	BC - Bare Copper	95

Applicable Specifications and Agency Compliance

Applicable Standards & Environmental Programs

EU CE Mark: No

RG Type: 59/U

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Inductance:

Inductance (µH/ft)
0.090

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
17.300

Nominal Velocity of Propagation:

VP (%)
78.000

Nominal Delay:

Delay (ns/ft)
1.300

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.000

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.600

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.300
5.000	0.700
10.000	1.000
50.000	2.100
100.000	3.000

Other Electrical Characteristic 1:

Coax Nominal Voltage Breakdown Jacket (Shield to Ground) = 22kV RMS

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	7x30	TC - Tinned Copper	0.030

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.054

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG	Stranding	Dia. (in.)	Conductor Material
22	7x30	0.030	TC - Tinned Copper

Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Black
2	Red

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm)
35

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
95.500

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
51.000

Nominal Velocity of Propagation:

VP (%)
58.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
11.000

Other Electrical Characteristic 1:

Twisted Pair Nominal Voltage Breakdown Jacket (Shield to Ground) = 19kV RMS

Physical Characteristics (Overall)

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.470 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 58.000 lbs/1000 ft.

Max. Recommended Pulling Tension: 68.000 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL2

AWM Specification: UL Style 20006

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1685 UL Loading
----------------	-------------------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage
30 V RMS

Notes (Overall)

Notes: Simaese Type Construction.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9265 0101000	1,000 FT	62.000 LB	BLACK	C	1 SH PR#22,1 75 OHM COAX
9265 010500	500 FT	32.500 LB	BLACK	C	1 SH PR#22,1 75 OHM COAX

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 0 Revision Date: 08-23-2012

© 2015 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.