

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

## 9265 Composite - ENG, EFP and CCTV Cable



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

# Detailed Specifications & Technical Data



## ENGLISH MEASUREMENT VERSION

## 9265 Composite - ENG, EFP and CCTV Cable

### 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

# Detailed Specifications & Technical Data



## ENGLISH MEASUREMENT VERSION

## 9265 Composite - ENG, EFP and CCTV Cable

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
MII 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

© 2014 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[9265 010500](#)