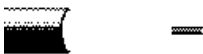


For more Information  
please call

1-800-Belden1



### General Description:

Series 6, 18 AWG solid .040" bare copper-covered steel conductor(s), gas-injected foam polyethylene insulation, Duobond Plus® + aluminum braid shield (75% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	18	Solid	BCCS - Bare Copper Covered Steel	1.016

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
Gas-injected FPE - Foam Polyethylene	4.572

#### Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100.000
2		Braid	AL - Aluminum	75.000
3		Tape	Bonded Aluminum Foil-Polyester Tape w/Shorting Fold	100.000

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 6.985 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	41.670 Kg/Km
Max. Recommended Pulling Tension:	613.852 N
Min. Bend Radius/Minor Axis:	69.850 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CATV, CM
CEC/C(UL) Specification:	CM
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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
Series Type:	Series 6

**Flame Test**

UL Flame Test: UL1685 UL Loading

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

Impedance (Ohm)  
75.000

**Nom. Inductance:**

Inductance (µH/m)  
0.318257

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/m)  
53.1522

**Nominal Velocity of Propagation:**

VP (%)  
83

**Nominal Delay:**

Delay (ns/m)  
3.9372

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)  
91.868

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)  
18.3736

**Max. Attenuation:**

Freq. (MHz)	Attenuation (dB/100m)
5	2.19827
55	5.2496
211	9.41647
270	10.6304
300	11.2538
350	12.2053
400	13.124
450	13.9771
550	15.4535
750	18.3408
870	19.686
1000	21.4577

**Max. Operating Voltage - UL:**

Voltage  
350 V RMS

**Minimum Structural Return Loss:**

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
		5	1000	20

**Notes (Overall)**

Notes: Sweep tested 5 MHz to 1 GHz.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9058 009U1000	1,000 FT	29.000 LB	WHITE		#18 GIFHDLDPPE SH FS PVC
9058 010U1000	1,000 FT	29.000 LB	BLACK		#18 GIFHDLDPPE SH FS PVC
9058 010I1000	1,000 FT	29.000 LB	BLACK		#18 GIFHDLDPPE SH FS PVC
9058 290U1000	1,000 FT	31.000 LB	BEIGE, LIGHT		#18 GIFHDLDPPE SH FS FRPVC

## METRIC MEASUREMENT VERSION

## 9058 Coax - CATV Cable

Revision Number: 2    Revision Date: 09-24-2012

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