# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



1190A Coax - CATV Cable

For more Information please call

1-800-Belden1



# **Description:**

Series 6, 18 AWG solid .040" bare copper-covered steel conductor with Coreguard®, gas-injected foam polyethylene insulation, with Coreguard® and flooding compound, Duobond® IV quad shield (60% and 40% coverage), polyethylene jacket.

## **Physical Characteristics (Overall)**

### Conductor

### AWG:

ı	# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
	1	18	Solid	BCCS - Bare Copper Covered Steel	.040

#### Insulation

### **Insulation Material:**

Insulation Material	Dia. (in.)
Gas-injected FPE - Foam Polyethylene	.180

#### **Outer Shield**

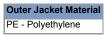
#### **Outer Shield Material:**

Layer # Outer Shield Trade Name Type		Type	Outer Shield Material	Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
4		Braid	AL - Aluminum	40

Outer Shield Flooding Grease: CoreGuard®

### **Outer Jacket**

#### **Outer Jacket Material:**



#### **Overall Cable**

Overall Nominal Diameter: 0.298 in.

### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-55°C To +80°C	
Bulk Cable Weight:	29 lbs/1000 ft.	
Max. Recommended Pulling Tension:	162 lbs.	
Min. Bend Radius (Install)/Minor Axis:	3 in.	

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

EU CE Mark:	No
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

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	Plenum (Y/N):	No
Ple	enum/Non-Plenum	
	Suitability - Burial:	Yes
Su	itability	
	Series Type:	Series 6
	MII Order #39 (China RoHS):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	EU Directive 2003/11/EC (BFR):	Yes

## **Electrical Characteristics (Overall)**

## Nom. Characteristic Impedance:

Impedance (Ohm)	Tolerance (Ohms)
75	± 3

#### Nom. Inductance:



### Nom. Capacitance Conductor to Shield:



### **Nominal Velocity of Propagation:**



### **Nominal Delay:**



### Nom. Conductor DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
28.0	

### **Nominal Outer Shield DC Resistance:**

DCR @ 20°C	(Ohm/1000 ft	)
4.8		

#### Max. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
5	0.67
55	1.60
211	2.87
270	3.24
300	3.43
350	3.72
400	4.00
450	4.26
550	4.71
750	5.59
870	6.00
1000	6.54

## Max. Operating Voltage - Non-UL:

Voltage 350 V RMS

### **Minimum Structural Return Loss:**

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

### **Sweep Test**

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Sweep Testing: 5 MHz - 1 GHz

#### **Related Documents:**

No related documents are available for this product

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1190A 0031000	1,000 FT	30.000 LB	ORANGE	С	#18 GIFHDLDPE DBL SH PE
1190A 0101000	1,000 FT	31.000 LB	BLACK	С	#18 GIFHDLDPE DBL SH PE .

#### Notes:

C = CRATE REEL PUT-UP.

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