## **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



## 1859A Coax - RG-11/U Type

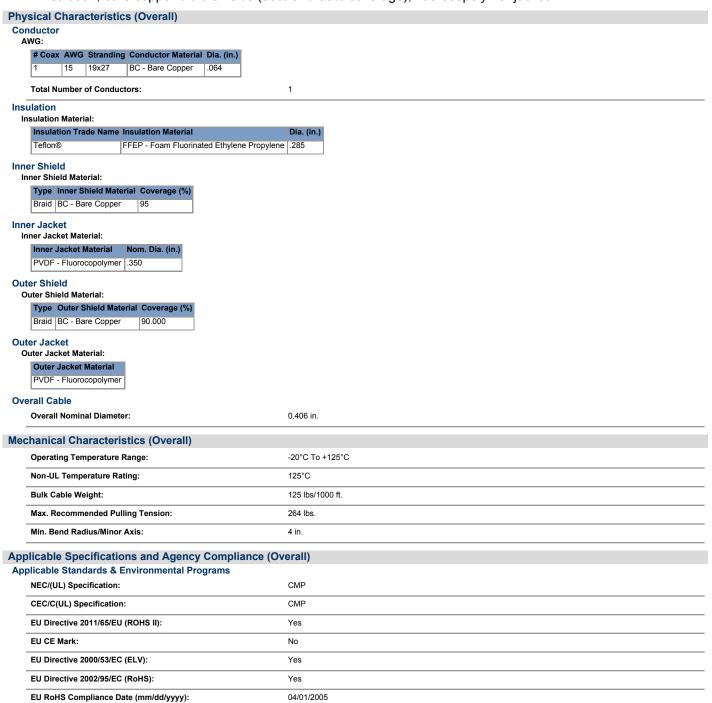
For more Information please call

1-800-Belden1



## **General Description:**

RG-11/U Type, Plenum-CMP, 15 AWG stranded (19x27) triax, .064" bare copper conductor, plenum, foam FEP insulation, bare copper braid shields (95% and 90% coverage), fluorocopolymer jacket.



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	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	
	RG Type:	11/U	
Fla	ame Test		
	UL Flame Test:	NFPA 262	
Sui	uitability		
	Suitability - Indoor:	Yes	
	Suitability - Outdoor:	Yes	
	Suitability - Burial:	Yes	
Ple	Plenum/Non-Plenum		
	Plenum (Y/N):	Yes	

## **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.1

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.250

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.300

Nom. Attenuation:

Attenuation (dB/100 ft.)
0.100
0.300
0.500
1.400
2.000
3.100
3.600
4.700
5.700
5.800
7.100
9.500
11.900
13.200
17.900
28.900

Max. Operating Voltage - UL:



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Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

### Minimum Return Loss:

Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
5.000	850.000	21.000
850.000	4500.000	15.000

### **Sweep Test**

Sweep Testing:

100&#37: sweep tested 5 MHz to 4500 MHz

## Misc. Information (Overall)

#### Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1859A 0101000	1,000 FT	134.000 LB	BLACK	С	#15 FFEP BRD SLF BRD PVDF
1859A 010500	500 FT	66.500 LB	BLACK	С	#15 FFEP BRD SLF BRD PVDF

### Notes:

C = CRATE REEL PUT-UP

Revision Number: 6 Revision Date: 01-21-2015

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