Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1858A Coax - RG-11/U Type

For more Information please call

1-800-Belden1



Description:

15 AWG stranded (19x27) .064" bare copper conductor, foam HDPE insulation, bare copper braid shields (95% coverage), Belflex\$ jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	15	19x27	BC - Bare Copper	.064

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	.312

Inner Shield

Inner Shield Material:

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

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	.391

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Belflex®	PVC Blend - Polyvinyl Chloride Blend

Overall Cable

Overall Nominal Diameter: 0.520 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-35°C To +75°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	147 lbs/1000 ft.
Max. Recommended Pulling Tension:	264 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

• •	
EU CE Mark:	No

Page 1 of 3 01-06-2012

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1858A Coax - RG-11/U Type

EU Directi	ive 2000/53/EC (ELV):	Yes
EU Directi	ive 2002/95/EC (RoHS):	Yes
EU RoHS	Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directi	ive 2002/96/EC (WEEE):	Yes
EU Directi	ive 2003/11/EC (BFR):	Yes
CA Prop 6	55 (CJ for Wire & Cable):	Yes
MII Order	#39 (China RoHS):	Yes
RG Type:		11/U
Suitability		
Suitability	- Indoor:	Yes
Suitability	- Outdoor:	Yes - Black for Permanent Outdoor Installations; All Colors Suitable for Outdoor Field Deployable Use.
Plenum/Non	-Plenum	
Plenum (Y	//N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Shield:



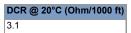
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:



Nom. Inner Shield DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.4

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.100
3.600	0.300
10.000	0.500
71.500	1.200
135.000	1.800
270.000	2.600
360.000	3.100
540.000	3.900
720.000	4.700
750.000	4.800

Page 2 of 3 01-06-2012

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1858A Coax - RG-11/U Type

1000.000 5.700

Max. Operating Voltage - Non-UL:

Voltage 300 V RMS

> Other Electrical Characteristic 1: Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft.

Other Electrical Characteristic 2: Nominal Voltage Breakdown: 20K V RMS

Minimum Return Loss:

Description Freq. (MHz) Start Freq. (MHz) Stop Freq. (MHz) Min. RL (dB) 850 21

Sweep Test

Sweep Testing: 100% sweep tested 5 MHz to 850 MHz.

Misc. Information (Overall)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1858A B591000	1,000 FT	154.000 LB	BLACK, MATTE	С	#15 GIFHDLDPE PVC TRIAX
1858A B59500	500 FT	80.500 LB	BLACK, MATTE	С	#15 GIFHDLDPE PVC TRIAX
1858A 0021000	1,000 FT	154.000 LB	RED	С	#15 GIFHDLDPE PVC TRIAX
1858A 002500	500 FT	80.500 LB	RED	С	#15 GIFHDLDPE PVC TRIAX
1858A 0041000	1,000 FT	154.000 LB	YELLOW	С	#15 GIFHDLDPE PVC TRIAX
1858A 004500	500 FT	80.500 LB	YELLOW	С	#15 GIFHDLDPE PVC TRIAX
1858A 0051000	1,000 FT	154.000 LB	GREEN, DARK	С	#15 GIFHDLDPE PVC TRIAX
1858A 0061000	1,000 FT	154.000 LB	BLUE, LIGHT	С	#15 GIFHDLDPE PVC TRIAX
1858A 006500	500 FT	80.500 LB	BLUE, LIGHT	С	#15 GIFHDLDPE PVC TRIAX

Notes:

C = CRATE REEL PUT-UP.

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