

Part Number: 1858A

Video Triax, RG11, #15 Stranded, Belflexjacket

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## Product Description

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

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## Product Specifications

### AG.Filter Attributes

Total Number of Conductors:	1
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## Technical Specifications

### APAC Standard

MII Order #39 (China RoHS):	Yes
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### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
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### Bend Radius

Min Bend Radius/Minor Axis:	5.5 in
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### CCB-Sub-Part Number

Plenum (Y/N):	No
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### Contact Information

PHONE_NUM:	1-800-Belden1
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### EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	No
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EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
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## General Electrical Parameters

Other Electrical Characteristic 1:	Nominal Capacitance 1st Shield to 2nd Shield: 205 pF/ft.
Other Electrical Characteristic 2:	Nominal Voltage Breakdown: 20K V RMS
Sweep Testing:	100% sweep tested 5 MHz to 850 MHz.

## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
RG Type:	11/U

## Use

Suitability - Outdoor:	Yes - Black for Permanent Outdoor Installations; All Colors Suitable for Outdoor Field Deployable Use.
Max Recommended Pulling Tension:	264 lbs
Suitability - Indoor:	Yes

## Impedance:

Nominal Characteristic Impedance
75 Ohm

## Inductance:

Nominal Inductance
0.097 $\mu$ H/ft

## Conductor DCR:

Nominal Conductor DCR	Nominal Inner Shield DCR	Nominal Outer Shield DCR
3.1 Ohm/1000ft	1.8 Ohm/1000ft	1.4 Ohm/1000ft

## Delay:

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.3 ns/ft	78 %

## Voltage:

Non-UL Voltage Rating
300V RMS

## High Freq:

Frequency [MHz]	Min. RL (Return Loss) [dB]
1 MHz	21 dB
3.6 MHz	
10 MHz	
71.5 MHz	
135 MHz	
270 MHz	
360 MHz	
540 MHz	
720 MHz	
750 MHz	
1000 MHz	
5 MHz	
850 MHz	

**Innershield:**

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

**Capacitance:**

Nom. Capacitance Conductor to Shield
17.3 pF/ft

**High Frequency (Nominal/Typical):**

Nom. Insertion Loss
0.1 dB/100ft
0.3 dB/100ft
0.5 dB/100ft
1.2 dB/100ft
1.8 dB/100ft
2.6 dB/100ft
3.1 dB/100ft
3.9 dB/100ft

4.7 dB/100ft
4.8 dB/100ft
5.7 dB/100ft

**Innerjacket:**

Material	Nominal Diameter
PE - Polyethylene	0.391 in

**Insulation:**

Material	Nominal Diameter
Gasinjected FHDPE - Foam High Density Polyethylene	0.312 in

**Outerjacket 1:**

Material	Material Trade Name	Nominal Diameter
PVC Blend - Polyvinyl Chloride Blend	Belflex®	0.52 in

**Conductor:**

AWG	Stranding	Material	Nominal Diameter	No. of Coax
15	19x27	BC - Bare Copper	0.064 in	1

**Other Electrical Information:**

Other Electrical Characteristic 1	Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft.
Other Electrical Characteristic 2	Nominal Voltage Breakdown: 20K V RMS
Sweep Testing	100% sweep tested 5 MHz to 850 MHz.

**Outershield 1:**

Type	Material	Coverage [%]
Braid	BC - Bare Copper	95 %

## Product Variants

Part Number	Color	Put-Up Type	Length
1858A	RED	Reel	1000 ft
1858A	RED	Reel	305 m
1858A 0021000	RED	Reel	1000 ft
1858A	RED	Reel	500 ft
1858A	RED	Reel	152 m
1858A 002500	RED	Reel	500 ft
1858A	YELLOW	Reel	1000 ft
1858A	YELLOW	Reel	305 m
1858A 0041000	YELLOW	Reel	1000 ft
1858A	YELLOW	Reel	500 ft
1858A	YELLOW	Reel	152 m
1858A 004500	YELLOW	Reel	500 ft
1858A	GREEN, DARK	Reel	1000 ft
1858A	GREEN, DARK	Reel	305 m
1858A 0051000	GREEN, DARK	Reel	1000 ft
1858A	BLUE, LIGHT	Reel	1000 ft
1858A 0061000	BLUE, LIGHT	Reel	1000 ft
1858A	BLUE, LIGHT	Reel	500 ft
1858A	BLUE, LIGHT	Reel	152 m
1858A 006500	BLUE, LIGHT	Reel	500 ft
1858A	BLACK, MATTE	Reel	1000 ft
1858A	MATTE BLACK	Reel	305 m
1858A B591000	BLACK, MATTE	Reel	1000 ft
1858A			
1858A			
1858A	BLACK, MATTE	Reel	500 ft
1858A	MATTE BLACK	Reel	152 m
1858A B59500	BLACK, MATTE	Reel	500 ft
1858A	MATTE BLACK	Reel	
1858A			

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