




**Product:** [1858A](#) 

Video Triax, RG11, #15 Stranded, Belflex PVC jacket

## Product Description

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

## Technical Specifications

### Product Overview

Suitable Applications:	Analog Video, Interconnect Camera to CCU (Camera Control Unit)
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### Construction Details

RG Type:	11
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#### Conductor

Number of Element	Size	Stranding	Nom. Diameter	Material
1	15 AWG	19x27	0.064 in	BC - Bare Copper

#### Insulation

Material	Nom. Insulation Diameter	Color Code
PE - Polyethylene (Foam)	0.312 in (7.92 mm)	White

Table Notes:	Gas Injected
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#### Inner Shield

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

#### Inner Jacket

Material	Nom. Diameter
PE - Polyethylene	0.391 in (9.93 mm)

#### Outer Shield

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

#### Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.52 in (13 mm)

Overall Cable Diameter (Nominal):	0.52 in (13 mm)
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## Electrical Characteristics

#### Return Loss (RL)

Frequency	Min. Return Loss
5-850 MHz	21 dB

#### Attenuation

Frequency	Nom. Attenuation
1 MHz	0.1 dB/100ft

3.6 MHz	0.3 dB/100ft
10 MHz	0.5 dB/100ft
71.5 MHz	1.2 dB/100ft
135 MHz	1.8 dB/100ft
270 MHz	2.6 dB/100ft
360 MHz	3.1 dB/100ft
540 MHz	3.9 dB/100ft
720 MHz	4.7 dB/100ft
750 MHz	4.8 dB/100ft
1000 MHz	5.7 dB/100ft

#### Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.
3.1 Ohm/1000ft (10 Ohm/km)	1.8 Ohm/1000ft (5.9 Ohm/km)	1.4 Ohm/1000ft (4.6 Ohm/km)	17.3 pF/ft (56.8 pF/m)	75 Ohm	78%

#### Voltage

Voltage Rating
300 V RMS

Electrical Characteristics Notes: Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft.

#### Mechanical Characteristics

#### Temperature

Operating
-50°C To +80°C

#### Bend Radius

Stationary Min.	Installation Min.
5.2 in (130 mm)	5.2 in (130 mm)

Max. Pull Tension:	264 lbs (120 kg)
Bulk Cable Weight:	147 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor
CPR Compliance:	CPR Euroclass: Eca
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

#### Product Notes

Notes: (1)# Elements@Conductor1:1(Previously Blank) (2)Size@Conductor1:15 AWG(Previously 15) (3)Color@Color Chart1 01:White(Previously Blank) (4)InnerShield Coverage:94%(Previously 95%) (5)Cable Diameter (Nominal):0.52 in(Previously Blank)

#### History

Update and Revision: Revision Number: 0.436 Revision Date: 05-04-2023

#### Part Numbers

#### Variants

Item #	Color	Putup Type	Length	UPC
1858A B59500	Black, Matte	Reel	500 ft	612825356738
1858A B591000	Black, Matte	Reel	1,000 ft	612825356653
1858A B594000	Black, Matte	Reel	4,000 ft	612825352235
1858A 006500	Blue, Light	Reel	500 ft	612825356585
1858A 0061000	Blue, Light	Reel	1,000 ft	612825356592
1858A 0051000	Green, Dark	Reel	1,000 ft	612825356608
1858A 002500	Red	Reel	500 ft	612825356639
1858A 0021000	Red	Reel	1,000 ft	612825356646
1858A 004500	Yellow	Reel	500 ft	612825356615
1858A 0041000	Yellow	Reel	1,000 ft	612825356622

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