



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

No. of Elements	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.
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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)
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History

Update and Revision:	Revision Number: 0.437 Revision Date: 04-29-2024
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Part Numbers

Variants

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

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