


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) |
|------------------------|--|

Construction Details

| | |
|----------|----|
| RG Type: | 11 |
|----------|----|

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 |

| | |
|-------------------------|--------------|
| Insulation Table Notes: | Gas Injected |
|-------------------------|--------------|

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) |
|-----------------------------------|-----------------|

Electrical Characteristics
Return Loss

| 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: 0.439 Revision Date: 09-07-2025

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 |

Footnote: C - CRATE REEL PUT-UP.

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