



Product: [9232](#)

Video Triax, RG11, #15 Stranded, CSPE Jacket

Product Description

15 AWG stranded (19x27) .064" bare copper conductor, foam HDPE insulation, paper tape separator, bare copper braid shields (90% and 80% coverage), CSPE - Chlorosulphonated Polyethylene jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Material | Nominal Diameter |
|--------------------------|------------------|
| PE - Polyethylene (Foam) | 0.312 in |

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

Inner Shield Material

| Type | Material | Coverage [%] |
|-------|------------------|--------------|
| Braid | BC - Bare Copper | 90% |

Inner Jacket Material

| Material | Nominal Diameter |
|-------------------|------------------|
| PE - Polyethylene | 0.391 in |

Outer Shield Material

| Type | Material | Coverage [%] |
|-------|------------------|--------------|
| Braid | Bare Copper (BC) | 80% |

| | |
|--------------|------------|
| Table Notes: | Paper Tape |
|--------------|------------|

Outer Jacket Material

| Material | Nominal Diameter |
|---------------------------------------|------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.52 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Conductor DCR Conductor Resistance | Nominal Inner Shield DCR | Nominal Outer Shield DCR |
|-----------------------|--|--------------------------|--------------------------|
| 3.1 Ohm/1000ft | 3.1 Ohm/1000ft | 1.6 Ohm/1000ft | 1.6 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Shield |
|--------------------------------------|
| 17.3 pF/ft |

Inductance

| Nominal Inductance |
|--------------------|
| 0.097 µH/ft |

Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 75 Ohm |

Return Loss (RL)

| Frequency [MHz] | Minimum Return (RL) |
|-----------------|---------------------|
| 5-450 MHz | 21 dB |

High Frequency (Nominal/Typical)

| Frequency [MHz] | Nom. Insertion Loss |
|-----------------|---------------------|
| 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 |

Delay

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

Voltage

| Non-UL Voltage Rating | UL Voltage Rating |
|-----------------------|-------------------|
| 300 V RMS | 30 V RMS |

| | |
|------------------------------------|--|
| Electrical Characteristics Notes: | Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft. |
| Other Electrical Characteristic 2: | Nominal Voltage Breakdown: 20K V RMS |

Temperature Range

| | |
|-----------------------|----------------|
| Non-UL Temp Rating: | 75°C |
| UL Temp Rating: | 60°C |
| Operating Temp Range: | -20°C To +75°C |

Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Bulk Cable Weight: | 135 lbs/1000ft |
| Max. Pull Tension: | 239 lbs |
| Min Bend Radius/Minor Axis: | 5.25 in |

Standards

| | |
|--------------------------|---------------------------|
| UL AWM Style Compliance: | UL Style 1641 (30 V 60°C) |
| RG Type: | 11/U Type |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| Environmental Space: | Indoor/Outdoor |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | No |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| MII Order #39 (China RoHS): | Yes |

Suitability

| | |
|------------------------|--|
| Suitability - Aerial: | Yes - When supported by messenger wire |
| Suitability - Burial: | Yes |
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|---------------------|----------|
| UL Flammability: | VW-1 |
| Other Flammability: | UL2556 |
| UL voltage rating: | 30 V RMS |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|-------|------------|----------|--------------|
| 9232 010500 | Black | Reel | 500 ft | 612825357735 |
| 9232 0101000 | Black | Reel | 1,000 ft | 612825356042 |

| | |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.241 Revision Date: 06-24-2020 |
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