

Product: <u>1398S5</u> ☑



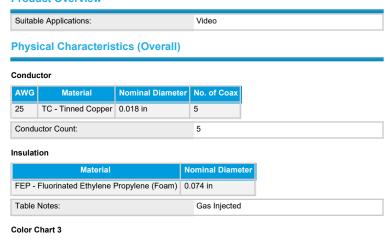
RGB Video, Banana Peel 5 25 AWG Coax, CMP

Product Description

Mini-Hi Res RGB Video Cable , 5 25 AWG solid tinned copper coax, foam FEP insulation, Beldfoil®; 95% tinned copper serve, inner Flamarrest® jackets, CMP rated.

Technical Specifications

Product Overview



| Number | Color |
|--------|---------|
| 1 | Gray #1 |
| 2 | Gray #2 |
| 3 | Gray #3 |
| 4 | Gray #4 |
| 5 | Gray #5 |

Inner Shield

| Туре | Layer | Material | Material Trade Name | Coverage [%] |
|--------------------------|-------|-------------------------------|---------------------|--------------|
| Таре | 1 | Tri-Laminate (Alum+Poly+Alum) | Duofoil® | 100% |
| Spiral Serve / Screen | 2 | Tinned Copper (TC) | | 95% |

Inner Jacket

| Material | Nominal Diameter |
|--------------------------|------------------|
| PVC - Polyvinyl Chloride | 0.105 in |

Outer Jacket

| Material | Nominal Diameter |
|---------------------------------|------------------|
| Banana Peel (No Overall Jacket) | 0.275 in |

Construction and Dimensions

Cabling

Filler

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR | Nominal Inner Shield DCR | Outer Conductor DCR |
|-----------------------|--------------------------|---------------------|
| 34 Ohm/1000ft | 5.4 Ohm/1000ft | 5.4 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Shield |
|--------------------------------------|
| 17 pF/ft |

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

| Frequency [MHz] | Minimum Return (RL) |
|-----------------|---------------------|
| 5-1000 MHz | 15 dB |

High Frequency (Nominal/Typical)

| Frequency [MHz] | Nom. Insertion Loss |
|-----------------|---------------------|
| 1 MHz | 0.52 dB/100ft |
| 5 MHz | 1.17 dB/100ft |
| 50 MHz | 3.7 dB/100ft |
| 100 MHz | 4.9 dB/100ft |
| 200 MHz | 6.7 dB/100ft |
| 400 MHz | 9.5 dB/100ft |
| 750 MHz | 13.4 dB/100ft |
| 900 MHz | 15 dB/100ft |
| 1000 MHz | 15.8 dB/100ft |
| 3000 MHz | 31.2 dB/100ft |

Delay

| Nominal Delay | Nominal Velocity of Propagation (VP) [%] |
|---------------|--|
| 1.27 ns/ft | 80% |

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

| | Operating Temp Range: | 0°C To +60°C |
|--|-----------------------|--------------|
|--|-----------------------|--------------|

Mechanical Characteristics

| Bulk Cable Weight: | 40 lbs/1000ft |
|------------------------------|---------------|
| Max. Pull Tension: | 20 lbs |
| Min Bend Radius (Overall): | 2.8 in |
| Min Bend Radius (Each Coax): | 1.1 in |

Standards

| NEC/(UL) Compliance: | CMP |
|-----------------------|------------------|
| CEC/C(UL) Compliance: | CMP |
| RG Type: | Sub-miniature 59 |

Applicable Environmental and Other Programs

| Environmental Space: | Indoor - Plenum |
|--|-----------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |