

## Component RGB with Category 5E

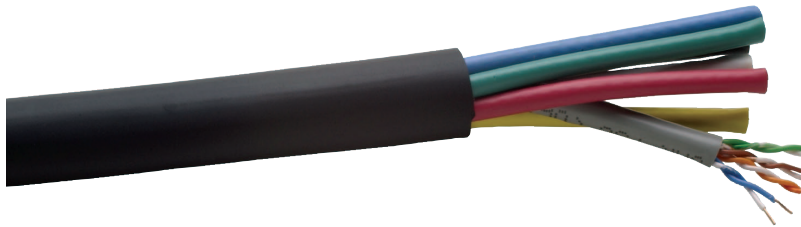
### Features & Benefits

- Six Coaxial Elements
- Category 5E 360MHz Element
- 3 GHz Coaxial Bandwidth (Nonplenum Version)
- Flexible Master Jacket
- 100% Sweep Tested
- UL Rated CM or Plenum

### Applications

- Component Video & Networking Within a Single Cable
- Permanent Installation
- Portable Applications

Hybrid component video cable with a Category 5E network element. The hybrid design of the RGB6C5 series allows for Ethernet, component video, sync, composite video and/or audio to be run within a single cable. The nonplenum version is constructed from low-loss, solid 23 gage, 3GHz coaxial elements, while the plenum version is constructed from stranded 26 gage, 1GHz miniature coaxial elements. The Category 5E element features enhanced bandwidth and electrical specifications that meet and/or exceed TIA/EIA-568-B.2 standards. The outer jacket is extruded from an extra-flexible, CM rated TPE or a flexible and easy-to-strip plenum PVC.



### Overall Specifications

Part #	# of Coaxials	# of Category 5E Elements	Overall Jacket (Type, OD)	UL Type	Approx. Weight
<b>RGB6C5</b>	6	1	Flexible TPE, .640"	CM	140 lbs/Mft
Component RGBHVC Six Element Coax with Category 5E					
<b>RGB6C5TS</b>	6	1	Plenum PVC, .460"	CL2P	67 lbs/Mft
Component RGBHVC Six Element Coax with Category 5E: Plenum					

### Coaxial Element Specifications

Part #	Conductors (Type, DCR)	Insulation (Type, OD)	Shield	Jacket (Type, OD)	Color Code	Impedance	Vel. of Prop.
RGB6C5	23 AWG Solid BC, 20.3 Ω/Mft	Gas-injected Foam PE, .100"	100% Foil, 95% TC Braid	PVC, .164"	Red, Green, Blue, Black, Yellow, White	75Ω	82%
RGB6C5TS	26 AWG (7x34) Stranded TC, 38.5 Ω/Mft	Foam FEP, .072"	100% Foil, 95% TC Serve	Plenum PVC, .102"	Red, Green, Blue, Black, Yellow, White	75Ω	85%

### Category 5E Specifications

Part #	Conductors (Type, DCR)	Insulation	Insulation Color Code	Jacket (Type, OD)	Bandwidth	Standards
RGB6C5	24 AWG Solid BC, 28.6 Ω/Mft	PE	White/Blue & Blue, White/Orange & Orange, White/Green & Green, White/Brown & Brown	PVC, .210"	350 MHz	Meets or Exceeds TIA/EIA-568-B.2 Cat5e, ISO/IEC 11801
RGB6C5TS	24 AWG Solid BC, 28.6 Ω/Mft	Plenum Thermoplastic	White/Blue & Blue, White/Orange & Orange, White/Green & Green, White/Brown & Brown	Plenum PVC, .180"	350 MHz	Meets or Exceeds TIA/EIA-568-B.2 Cat5e, ISO/IEC 11801

\* See CT504/360 for detailed electrical specifications.