

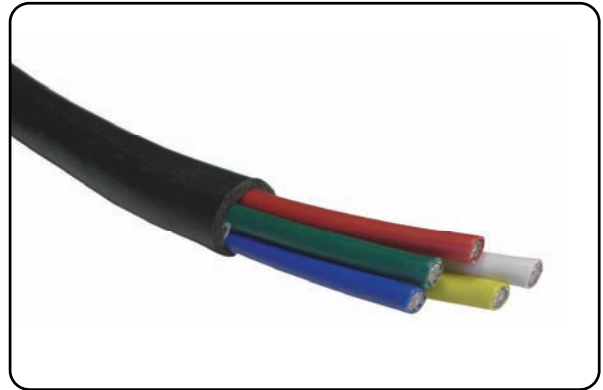


Miniature Precision Video Five Conductor Cable For Analog & Digital

...competitive technologies
with compelling value

Features:

- High performance digital mini cable for RF & HDTV distribution
- Easy to connect multiple components and distribution equipment in tight spaces
- Ideal for wiring equipment panels and making component video jumper cables
- Multi cable bundles are color coded for easy identification
- UL Listed
- Greater than 22 dB return loss at 1 GHz
- Single coax as well as three and five coax bundles available
- Footage markings every 2 feet
- Swept tested to 3.0 GHz (3,000 MHz)



Construction

Center Conductor

Material: Bare Copper
 AWG: 23
 Construction: Solid
 Diameter: 0.58mm (.0227-inch)

Dielectric

Material: Foam Polyethylene (FPE)
 Color: Natural
 Thickness: 1.01mm±0.05
 Diameter: 2.59mm (.100-inch) nominal

Shield 1: 100% Bonded Aluminum/
Poly tape overlap ≥18%
 Shield 2: 95% Braid 16/6/0.12mm TC

Inner Jacket

Material: Polyvinyl Chloride (PVC)
 Colors: Red, Green, Blue, Yellow & White
 Thickness: 0.33 mm (.013-inch) min
 Inner Coax Diameter: 4.04mm (.159-inch) nominal

Overall Cable

Filler: Cotton Fiber
 Binder: 100% paper tape with 25% overlap
 Ripcord: Yes
 Outer Jacket: Polyvinyl Chloride (PVC)
 Outer Jacket Thickness: ≥ 0.9mm , 1.37mm nominal
 Diameter: 13.8 ± 0.3mm (0.55 Inches)
 Outer Jacket Color: Matte Black
 Packaging: 500 Foot wooden spool

Electrical Specifications

Conductor DCR: 66.58Ω/KM (20.3Ω/1000FT)
 Voltage: 300V
 Temperature: -20°C to 75°C (-4°F to 167°F)
 Impedance: 75±3Ω
 Capacitance: 54.1 pF/M(16.5pF/FT)
 Velocity of Propagation: 84%
 SRL 5-450 MHz: 20dB min
 451-2300MHz: 15dB min

Frequency (MHz)	dB / 100 Feet Nominal
10	1.35
71.5	3.01
135	4.03
270	5.75
720	9.82
1,000	11.6
1,500	14.45
2,000	16.89
2,250	17.89

Ordering Information:

CT-1855-5-RGB 5 Conductor Miniature
RGB Video & RF Cable

Phone: (800) 688-9282 Fax: (800) 230-1793

Web: www.cabletronix.com Email: sales@cabletronix.com