

**Part Number:** CM-RG59M-\*\*\* (BNC, F, or RCA)

**Description:** Compression Series Connectors for RG59 75 Ohm Coaxial Cables

**Applications:** Analog and Digital Video, Analog and Digital Audio, Direct Broadcast Satellite, Cable Television, Infrared, Cable Modem, Security Video

C-Tec2™ Connector	Impedance (Ω) nominal	Frequency Range	VSWR	R/L @ 1GHz (dB)	Insertion Loss @ 1 GHz	Working Voltage (rms)	Dielectric Withstanding Voltage (rms)	Insulator Resistance (MΩ) min	Contact Retention (grams) using recommended connector/cable combination **	Engagement Force (kg)	Disengagement Force (kg)	Maximum Mating Cycles	Notes
<b>RG59 Connector Series specifications for solid conductor Nickel Plated</b>													
<b>CM-RG59M-BNC</b>	75	DC-1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
<b>CM-RG59M-F</b>	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
<b>CM-RG59M-RCA</b>	75	DC-300MHz	1.12	NA	0.2	100	500	100	120	7	4.75	200	
<b>CM-RG59M-IECF</b>	75	DC-1GHz	1.20	NA	0.2	100	500	100	120	7	4.75	200	
<b>CM-RG59M-IECM</b>	75	DC-1GHz	1.20	NA	0.2	100	500	100	120	NA	NA	200	
<b>RG59 Connector Series specifications for solid conductor Gold Plated</b>													
<b>CM-RG59M-GBNC</b>	75	DC-1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
<b>CM-RG59M-GF</b>	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
<b>CM-RG59M-GRCA</b>	75	DC-300MHz	1.12	NA	0.2	100	500	100	120	7	4.75	200	

- 1) Tooling Required
  - a) **CM-59/6** F connector Strip Tool. Strips ¼" x ¼" standard F Plug strip for RG59 and RG6 sized coaxial cables
  - b) **CM-TOOL**. Linear Compression Tool. IEC Connectors – **CM-TOOL-IEC**
- 2) C-Tec2™ Accessories for the connector series
  - a) **CM-R-\*\*\*** (Color). Silicone Identification Rings to color code the installations
  - b) **CM-CGT-FBR**. Universal Installation tool to help mount connectors
- 3) C-Tec2™ Application Notes:
  - a) Specification Detail is limited to the connector only. When terminated, cable may be the limiting factor.
  - b) Universal Ferrule-less design permits the connector series to fit most RG59 solid conductor constructions
  - c) Ferrule-less design permits cable insertion with far less force than ferruled design
  - d) This connector series does not fit on RG59 Quad Headend cable formats (**CM-RG59Q-\*\*\***)
  - e) Connector is moisture resistant but not moisture proof. Not recommended for outdoor applications.
  - f) This series is identified by a Yellow Silicone O-ring.

**\*\* Retention force on the center conductor/stranded pin by the internal seizing pin of fixed pin connectors.**

Specification Control	Product Information
<p><b>Revision Date: 06/13/2011</b></p> <p>Liberty AV Solutions specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty AV Solutions continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.</p>	<p><b>Packaging:</b> 25 pieces per bag</p> <p><b>EU RoHS 2002/95/EC Compliant</b></p>