Part Number: CM-RG6L-*** (BNC, F, or RCA)

Description: Compression Series Connectors for RG6 Non-Plenum 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
RG6 Connector Series specifications for solid conductor Nickel Plated													
CM-RG6L-BNC	75	DC- 1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
CM-RG6L-F	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
CM-RG6L-RCA	75	DC-300MHz	1.12	NA	0.2	100	500	100	120	7	4.75	200	
RG6 Connector Series specifications for solid conductor Gold Plated													
CM-RG6L-GBNC	75	DC- 1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
CM-RG6L-GF	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
CM-RG6L-GRCA	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.
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 all RG6 solid conductor constructions
   c) Ferrule-less design permits cable insertion with far less force then ferruled design
   d) This connector series will also fit onto Dual Shield through Quad Shield Plenum RG6 Cables.
   e) Connector is moisture resistant but not moisture proof. Not recommended for outdoor applications.
   f) This series is identified by an Orange Silicone O-ring.

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

Specification Control	Product Information
Revision Date: 06/13/2011 Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.	**CM-R-(color)** Color Rings available for operator ID on all connectors. **Packaging:** 25 pieces per bag **EU RoHS 2002/95/EC Compliant**