

Product Specification Sheet



Catalog Number: ConnectTec™ Connector Specifications

ConnectTec™ Connector Part number Suffix U = Dual shield CATV Suffix Q = Quad Shield/SD Suffix C = CCTV Coaxial PVC Suffix P = Plenum CATV/SD Suffix PC = Plenum CCTV	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
RG11 Connector Series Specifications for solid conductor													
CM-RG11-BNC	75	DC- 1GHz	1.25	18	0.15	500	1,500	5,000	120	NA	NA	500	
CM-RG11-F	75	DC-3.0GHz	1.25	18	0.15	500	1,500	5,000	120	NA	NA	1000	
CM-RG11-N	75	DC-2.2GHz	1.25	18	0.15	500	1,500	5,000	120	NA	NA	500	
RG59 Connector Series specifications for solid conductor													
CM-RG59-BNC	75	DC- 1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
CM-RG59-F	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
CM-RG59-RCA	75	DC-300MHz	1.12	NA	0.2	100	500	100	120	7	4.75	200	
CM-RG59-IECF	75	DC-1GHZ	1.20	NA	0.2	100	500	100	120	7	4.75	200	
CM-RG59-IECM	75	DC-1GHZ	1.20	NA	0.2	100	500	100	120	NA	NA	200	
RG6 Connector Series specifications for solid conductor													
CM-RG6-BNC	75	DC- 1GHz	1.20	22	0.2	500	1,500	5,000	120	NA	NA	500	
CM-RG6-F	75	DC-3.0GHz	1.20	30	NA	500	1,500	5,000	NA	NA	NA	1000	
CM-RG6-RCA	75	DC-300MHz	1.12	NA	0.2	100	500	100	120	7	4.75	200	
CM-RG6-IECM	75	DC-1GHZ	1.20	NA	0.2	100	500	100	120	NA	NA	200	
23 AWG Connector Series specifications for solid conductor													
CM-RGB23-BNC	75	DC-1GHz	1.43	15	0.2	300	1,500	5,000	120	NA	NA	1000	
CM-RGB23-RCA	75	DC-300MHz	NA	NA	0.2	100	500	100	120	4.75	NA	200	
25 AWG Connector Series specifications for solid conductor													
CM-RGB25S-BNC	75	DC-1GHz	1.43	15	0.2	300	1,500	5,000	120	NA	NA	500	
CM-RGB25S-RCA	75	DC-300MHz	NA	NA	0.2	100	500	100	120	4.75	NA	200	
25 AWG Connector Series specifications for stranded conductor													
CM-RGB25-BNC	75	DC- 1GHz	1.27	17	0.3	500	1,500	5,000	100	NA	NA	500	
CM-RGB25-RCA	75	DC-300MHz	1.20	NA	0.3	100	500	100	100	7	4.75	200	
26 AWG Connector Series specifications for stranded conductor													
CM-RGB26-BNC	75	DC- 1GHz	1.27	17	0.3	500	1,500	5,000	100	NA	NA	500	
CM-RGB26-RCA	75	DC-300MHz	1.20	NA	0.3	100	500	100	100	7	4.75	200	
Specification detail is limited to the connector only. When terminated the cable performance may be a limiting factor on actual performance of the connector. ** Retention force on the center conductor/stranded pin by the internal seizing pin of fixed pin connectors.													
Specification Control							Product Information						
Revision Date: 07/31/2006 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.							GBNC, GRCA, and GF are gold plated products CM-R-(color) Color Rings available for operator ID on all connectors. Packaging: 25 pieces per bag EU RoHS 2002/95/EC Compliant since 12/02/2005						

Form Revision Date: 04/15/2004