



MIL-DTL-17 COAXIAL CABLES
ELECTRICAL DETAILS (Metric)

M17 Part	Impedance (ohms)	Capacitance (pf/m)	Max Voltage	ATTENUATION (dB/100m)							Max Frequency (GHz)
				100 MHz Typ/Max	400 Mhz Typ/Max	1 GHz Typ/Max	2.4 GHz Typ/Max	5 GHz Typ/Max	10 GHz Typ/Max		
M17/60-RG142	50 +/-2	96.46	1900	13.1/14.4	26.6/30.5	43.9/50.2	69.9/82.0	109.2/82.0	182.0/231.9	12.4	
M17/93-RG178	50 +/-2	96.46	1000	43.6/52.5	89.2/108.3	145.0/170.6	203.0/273.3				
M17/94-RG179	75 +/-3	63.64	1200	26.2/30.2	50.9/68.9	87.6/100.7					
M17/95-RG180	95 +/-5	57.09	1500	18.7/21.6	38.3/57.1	62.9/75.4					
M17/111-RG303	50 +/-2	96.46	1900	13.1/14.4	26.5/30.8	43.9/50.2					
M17/112-RG304	50 +/-2	96.46	3000	7.8/8.8	19.0/20.1	32.8/36.4	57.7/64.3	83.3/92.5		8.0	
M17/113-RG316	50 +/-2	96.46	1200	24.9/36.1	52.5/68.9	85.9/124.7	135.2/181.7			3.0	
M17/127-RG393	50 +/-2	96.46	1500	7.6/8.2	14.4/16.4	25.3/30.2	40.7/46.6	69.9/87.9	98.7/124.3	11.0	
M17/128-RG400	50 +/-2	96.46	1900	14.1/14.7	28.2/34.4	46.2/59.3	74.2/99.1	116.9/170.9	202.1/255.9	12.4	
M17/131-RG403	50 +/-2	96.46	1000		109.2/121.4						
M17/152-00001	50 +/-2	96.46	1200	24.9/36.1	52.4/68.9	85.9/124.7	135.1/181.7	201.1/360.9	295.3/557.7	12.4	
M17/176-00002	77 +/-7	62.33	1000								
RG187 A/U	75 +/-3	63.64	1200		50.8/68.9						
RG188 A/U	50 +/-2	96.46	1200	24.9/36.1	52.5/68.9	85.9/124.7	135.2/181.7			3.0	
RG195 A/U	95 +/-5	57.09	1500		38.4/57.1						
RG196 A/U	50 +/-2	96.46	1000	42.6/52.5	89.6/108.2	136.8/170.6	209.9/262.5			3.0	