



## MIL-DTL-C17 COAXIAL CABLES ELECTRICAL DETAILS (Imperial)

M17 Part	Impedance (ohms)	Capacitance (pf/ft)	Max Voltage	ATTENUATION (dB/100ft)							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	29.4	1900	4.0/4.4	8.1/9.3	13.4/15.3	21.3/25.0	33.3/41.8	55.5/70.7	12.4	
M17/93-RG178	50 +/-2	29.4	1000	13.3/16.0	27.2/33.0	44.2/52.0	61.9/83.3				
M17/94-RG179	75 +/-3	19.4	1200	8.0/9.2	15.5/21.0	26.7/30.7					
M17/95-RG180	95 +/-5	17.4	1500	5.7/6.6	11.7/17.4	19.2/23.0					
M17/111-RG303	50 +/-2	29.4	1900	4.0/4.4	8.1/9.4	13.4/15.3					
M17/112-RG304	50 +/-2	29.4	3000	2.4/2.7	5.8/6.4	10.0/11.1	17.6/19.6	25.4/28.2		8.0	
M17/113-RG316	50 +/-2	29.4	1200	7.6/11.0	16.0/21.0	26.2/38.0	41.2/55.4			3.0	
M17/127-RG393	50 +/-2	29.4	1500	2.3/2.5	4.4/5.0	7.7/9.2	12.4/14.2	21.3/26.8	30.1/37.9	11.0	
M17/128-RG400	50 +/-2	29.4	1900	4.3/4.5	8.6/10.5	14.1/18.1	22.6/30.2	35.6/52.1	61.6/78.0	12.4	
M17/131-RG403	50 +/-2	29.4	1000		33.3/37.0						
M17/152-00001	50 +/-2	29.4	1200	7.6/11.0	16.0/21.0	26.2/38.0	41.2/55.4	61.3/110.0	90.0/170.0	12.4	
M17/176-00002	77 +/-7	19.0	1000								
RG187 A/U	75 +/-3	19.4	1200		15.5/21.0						
RG188 A/U	50 +/-2	29.4	1200	7.6/11.0	16.0/21.0	26.2/38.0	41.2/55.4			3.0	
RG195 A/U	95 +/-5	17.4	1500		11.7/17.4						
RG196 A/U	50 +/-2	29.4	1000	13.0/16.0	27.2/33.0	41.7/52.0	64.0/80.0			3.0	