



MIL-DTL-17 COAXIAL CABLES  
DIMENSIONAL DETAILS (Imperial)

M17 Part	Centre Conductor	Conductor Material	Dielectric Diameter	Shield	Shield Diameter	Jacket	Overall Diameter	Bend Radius	Weight (lbs/mft)
M17/60-RG142	0.037"	SPCW	0.116"	SPC (2)	0.160"	FEP	0.195"	1.0"	43.0
M17/93-RG178	0.0120"(7/0.004")	SPCW	0.033"	SPC	0.051"	FEP	0.071"	0.4"	6.3
M17/94-RG179	0.0120"(7/0.004")	SPCW	0.063"	SPC	0.080"	FEP	0.100"	0.04"	10.8
M17/95-RG180	0.0120"(7/0.004")	SPCW	0.102"	SPC	0.118"	FEP	0.141"	0.7"	19.8
M17/111-RG303	0.037"	SPCW	0.116"	SPC	0.136"	FEP	0.170"	0.9"	31.0
M17/112-RG304	0.059"	SPCW	0.185"	SPC (2)	0.240"	FEP	0.280"	1.4"	94.0
M17/113-RG316	0.0201"(7/0.0067")	SPCW	0.060"	SPC	0.075"	FEP	0.098"	0.5"	12.2
M17/127-RG393	0.094"(7/0.312")	SPC	0.285"	SPC (2)	0.314"	FEP	0.390"	2.0"	165.0
M17/128-RG400	0.0384"(19/0.008")	SPC	0.116"	SPC (2)	0.156"	FEP	0.195"	1.0"	50.0
M17/131-RG403	0.0120"(7/0.004")	SPCW	0.033"	SPC (2)	0.090"	FEP (2)	0.116"	0.6"	15.0
M17/152-00001	0.0201"(7/0.0067")	SPCW	0.060"	SPC (2)	0.091"	FEP	0.114"	0.6"	18.5
M17/176-00002	0.0235"(19/0.005")	SPA (2)	0.042"	SPA	0.100"	PFA	0.129"	0.6"	18.0
RG187 A/U	0.0120"(7/0.004")	SPCW	0.063"	SPC	0.079"	PTFE	0.100"	0.5"	10.0
RG188 A/U	0.0201"(7/0.0067")	SPCW	0.060"	SPC	0.080"	PTFE	0.100"	0.5"	11.0
RG195 A/U	0.0120"(7/0.004")	SPCW	0.102"	SPC	0.117"	PTFE	0.141"	0.7"	18.0
RG196 A/U	0.0120"(7/0.004")	SPCW	0.034"	SPC	0.050"	PTFE	0.067"	0.4"	6.0