

## M17/MIL-C-17 Coaxial Cable Specifications

M17 Part No.	M17 QPL	TMS Part No.	Conductor inches (mm)	Dielectric inches (mm)	Shields inches (mm)	Jacket inches (mm)	Armor inches (mm)	Weight lb/ft (kg/m)	Impedance chms Vp (%)	Capacitance pF/ft (pF/m)	Max Oper. Voltage vrms	Temp. Range F (C)	M17 Test Frequency	Comments
M17/130-00009	Non-QPL'd	NA	SCCS 0.0362 (0.92)	PTFE 0.1175 (2.98)	Tinned AL Tube 0.141 (3.58)	None	NA	0.0205 (0.031)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tin Plated M17/130-00008
M17/130-00010	No QPL'd Source	NA	SNCCS 0.0362 (0.92)	PTFE 0.1175 (2.98)	AL Tube 0.141 (3.58)	None	NA	0.0188 (0.028)	50 +/- 1 9.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17/130-00011	No QPL'd Source	NA	SNCCS 0.0362 (0.92)	PTFE 0.1175 (2.98)	Tinned AL Tube 0.141 (3.58)	None	NA	0.0205 (0.031)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tin Plated M17/130-00010
M17/130-00012	Non-QPL'd	NA	SCCS 0.0362 (0.92)	PTFE 0.1175 (2.98)	SC Tube 0.141 (3.58)	None	NA	0.0351 (0.052)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz Swept	Silver Plated M17/130-00004
M17/130-00013	No QPL'd Source	NA	SNCCS 0.0362 (0.92)	PTFE 0.1175 (2.98)	SC Tube 0.141 (3.58)	None	NA	0.0351 (0.052)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz Swept	Silver Plated M17/130-00006
M17/130-00014	No QPL'd Source	NA	SCCS .0362 (0.92)	PTFE 0.1175 (2.98)	TC Tube 0.141 (3.58)	None	NA	0.0351 (0.052)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz	90/10 Tin Plated 300u" minimum
M17/130-00015	No QPL'd Source	NA	SC .0362 (0.92)	PTFE 0.1175 (2.98)	TC Tube 0.141 (3.58)	None	NA	0.0351 (0.052)	50 +/- 1 69.5	29.9 (98.1)	1,900	-40 +257 (-40 +125)	0.5-20 GHz	90/10 Tin Plated 300u" minimum
M17/131-RG403	17-244-90	AA-6511	SCCS 7/.004 0.0120 (0.30)	PTFE 0.033 (0.84)	38SC-FEP-38SC 0.088 (2.24)	FEP-IX 0.116 (2.95)	NA	0.015 (0.022)	50 +/-2 69.5	29.4 (96.5)	1,000	-67 +392 (-55 +200)	0.05-10 GHz Swept	RG-178 Triax
M17/132-00001	17-245-90	AA-6512	SCCS 7/.004 0.0120 (0.30)	PTFE & CPT 0.035 (0.91)	38SC 0.054 (1.37)	FEP-IX 0.071 (1.80)	NA	0.018 (0.027)	50 +/-2 68	30.4 (99.7)	1,000	-40 +392 (-40 +200)	1 GHz UnSwept	RG-178 Low Noise
M17/133-RG405	17-197-85	AA-5017	SCCS 0.0201 (0.51)	PTFE 0.065 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0153 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17/133-00001	17-197-85	AA-5018	SCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0158 (0.024)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20GHz Swept	Tinplated M17/133-RG405
M17/133-00002	17-298-90	AA-5019	SC 0.0201 (0.51)	PTFE 0.066 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0152 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20GHz Swept	
M17/133-00003	17-298-90	AA-5020	SC 0.0201 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0157 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20GHz Swept	Tinplated M17/133-00002
M17/133-00004	17-298-90	AA-5021	SNCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0154 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17/133-00005	17-298-90	AA-5022	SNCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0159 (0.024)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tinplated M17/133-00004
M17-133-00006	17-298-90	AA-5920	SCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0153 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17-133-00007	17-298-90	AA-5921	SCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0158 (0.024)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tinplated M17/133-00006
M17/133-00008	17-298-90	AA-5922	SC 0.0201 (0.51)	PTFE 0.066 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0152 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17/133-00009	17-298-90	AA-5923	SC 0.0201 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0157 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tinplated M17/133-00008
M17/133-00010	17-298-90	AA-5924	SNCCS 0.0201 (0.51)	PTFE 0.066 (1.68)	BC Tube 0.0865 (2.20)	None	NA	0.0154 (0.023)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	
M17/133-00011	17-298-90	AA-5925	SNCCS 0.0202 (0.51)	PTFE 0.066 (1.68)	TC Tube 0.0865 (2.20)	None	NA	0.0159 (0.024)	50 +/-1.5 69.5	29.4 (96.5)	1,500	-40 +257 (-40 +125)	0.5-20 GHz Swept	Tinplated M17/133-00010