

M17 P/N	Type	Impedance /Type	Conductor Type/Diameter Inches (mm)	Insulation Type Diameter Inches (mm)	Braid Type/ Diameter Inches (mm)	Jacket Type/ Diameter Inches (mm)	Weight lbs/Kft (kg/km)	Max Capacitance	Max Working Voltage	Max Conductor Resistance Ω	Max Attenuation (dB/100 ft)			Max Power (Watts)		
											100 MHz	400 MHz	1 GHz	100 MHz	400 MHz	1 GHz
M17/060-RG142	RGS-142	50 Ω coaxial	Solid SPCW .037 (.904)	Extruded PTFE .116 (2.95)	Double 36 SPC .162 (4.11)	Extruded FEP .195 (4.95)	41.2 (61.3)	32.0 (105)	1,400	1.95 (6.40)	4.4	9.3	15.5	2,400	1,100	650
M17/093-RG178	RGS-178	50 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .033 (.838)	Single 38 SPC .051 (1.30)	Extruded FEP .071 (1.80)	5.41 (8.05)	32.0 (105)	750	24.5 (80.2)	16.0	33.0	52.0	255	113	66
M17/093-00001	50-738CSPA	50 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .033 (.838)	Single 38 SPC .051 (1.30)	Extruded PFA .071 (1.80)	5.41 (8.05)	32.0 (105)	750	24.5 (80.2)	16.0	33.0	52.0	255	113	66
M17/094-RG179	RGU-179	75 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .063 (1.60)	Single 38 SPC .081 (2.06)	Extruded FEP .100 (2.54)	9.83 (14.6)	23.0 (75.4)	900	24.5 (80.2)	—	21.0	—	880	420	260
M17/095-RG180	RGU-180	95 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .102 (2.59)	Single 38 SP .120 (3.05)	Extruded FEP .141 (3.58)	18.3 (27.2)	17.4 (57.1)	1,000	24.5 (80.2)	—	17.0	—	740	370	230
M17/110-RG302	RGU-302	75 Ω coaxial	Solid SPCW .025 (.635)	Extruded PTFE .146 (3.71)	Single 36 SPC .168 (4.27)	Extruded FEP .202 (5.13)	37.7 (56.1)	22.0 (72.2)	1,700	4.40 (14.4)	—	8.0	—	—	1,700	800
M17-111-RG303	RGS-303	50 Ω coaxial	Solid SPCW .037 (.940)	Extruded PTFE .116 (2.95)	Single 36 SPC .138 (3.51)	Extruded FEP .170 (4.32)	30.0 (44.6)	32.0 (105)	1,400	1.90 (6.23)	3.9	8.6	15.0	2,400	1,100	630
M17/112-RG305	RGS-304	50 Ω coaxial	Solid SPCW .059 (1.50)	Extruded PTFE .185 (4.70)	Double 34 SPC .240 (6.10)	Extruded FEP .280 (7.11)	89.1 (133)	32.0 (105)	2,200	.800 (2.62)	2.7	6.4	11.1	3,200	1,450	870
M17/113-RG316	RGS-316	50 Ω coaxial	7/0067 SPCW .020 (.508)	Extruded PTFE .060 (1.52)	Single 38 SPC .078 (1.98)	Extruded FEP .098 (2.49)	9.89 (14.7)	32.0 (105)	900	8.41 (27.6)	11.0	21.0	38.0	430	210	130
M17/127-RG393	RGS-393	50 Ω coaxial	7/.0312 SPC .094 (2.39)	Extruded PTFE .285 (7.24)	Double 34 SPC .340 (8.64)	Extruded FEP .390 (9.91)	160 (238)	32.0 (105)	1,875	.152 (.499)	2.4	5.0	8.8	4,100	1,200	290

M17/128-RG400	RGS-400	50 Ω coaxial	19/32 SPC .038 (.965)	Extruded PTFE .116 (2.95)	Double 36 SPC .162 (4.11)	Extruded FEP .195 (4.95)	41.9 (62.4)	32.0 (105)	1,400	.910 (2.98)	4.5	10.5	17.0	2,400	1,050	620
M17/131-RG403	RGS-403	50 Ω triaxial	7/38 SPCW .012 (.305)	Extruded PTFE .033 (.838)	Double 38 SPC FEP Interlayer Inner .051 (1.30) Outer .090 (2.29)	Double Ext. FEP Braid Interlayer Inner .074 (1.88) Outer .118 (3.00)	14.3 (21.3)	30.2 (99.1) Conductor-Shield 160 (525) Shield-Shield	750 300	24.5 (80.2)	—	—	—	200	95	60
M17/132-00001	RGU-404	50 Ω coaxial (Low Noise)	7/38 SPCW .012 (.305)	Extruded PTFE .034 (.864)	Single 38 SPC .052 (1.32)	Extruded FEP .073 (1.85)	5.46 (8.13)	32.0 (105)	750	24.5 (80.2)	—	50.0	—	—	—	—
M14/136-00001	U75-738-CSPA	75 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .063 (1.60)	Single 38 SPC .081 (2.06)	Extruded PFA .100 (2.54)	9.83 (14.6)	22.0 (72.2)	900	34.0 (112)	—	21.0	—	3,000	1,400	250
M17/137-00001	U95-738CSPA	95 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .102 (2.59)	Single 38 SPC .120 (3.05)	Extruded PFA .141 (3.58)	18.3 (27.2)	15.4 (50.5)	1,000	24.5 (80.2)	—	17.0	—	760	360	227
M17/138-00001	S50-7/0067CSPA	50 Ω coaxial	7/0067 SPCW .020 (.508)	Extruded PTFE .060 (1.52)	Single 38 SPC .078 (1.98)	Extruded PFA .098 (2.49)	9.89 (14.7)	32.0 (105)	900	8.41 (27.6)	11.0	21.0	38.0	415	220	130
M17/139-00001	U95-738BCCBP A	95 Ω coaxial	7/38 SPBC .012 (/305)	Extruded PTFE .102 (2.59)	Single 38 SP CAD BR .120 (3.05)	Extruded PFA .141 (3.58)	18.4 (27.4)	17.4 (57.1)	1,100	40.0 (131)	—	18.0	—	740	360	230
M17/152-00001	S50-7/0067CSS XE	50 Ω coaxial	7/0067 SPCW .020 (.508)	Extruded PTFE .060 (1.52)	Double 38 SPC .096 (2.44)	Extruded FEP .114 (2.90)	15.7 (23.4)	32.0 (105)	1,100	8.41 (27.6)	15.0	24.0	40.0	425	210	130
M17/158-00001	RGU-142	50 Ω coaxial	Solid SPCW .037 (.940)	Extruded PTFE .116 (2.95)	Double 36 SPC .162 (4.11)	Extruded FEP .195 (4.95)	41.2 (61.3)	32.0 (105)	1,400	1.95 (6.40)	—	11.7	19.0	2,400	1,100	650
M17/169-00001	RGU-178	50 Ω coaxial	7/38 SPCW .012 (.305)	Extruded PTFE .033 (.838)	Single 38 SPC .051 (1.30)	Extruded FEP .071 (1.80)	5.41 (8.05)	32.0 (105)	750	24.5 (80.2)	—	33.0	52.0	255	133	66
M17/170-00001	RGU-303	50 Ω coaxial	Solid SPCW .037 (.940)	Extruded PTFE .116 (2.95)	Single 36 SPC .138	Extruded FEP .170 (4.32)	30.0 (44.6)	32.0 (105)	1,400	1.80 (5.90)	—	8.6	—	2,400	1,100	630

					(3.51)												
M17/171-00001	RGU-304	50 Ω coaxial	Solid SPCW .059 (1.50)	Extruded PTFE .185 (4.70)	Double 34 SPC .240 (6.10)	Extruded FEP .280 (7.11)	89.1 (133)	32.0 (105)	2,200	.800 (2.62)	—	6.4	—	3,200	1,450	870	
M17/172-00001	RGU-316	50 Ω coaxial	7/0067 SPCW .020 (.508)	Extruded PTFE .060 (1.52)	Single 38 SPC .078 (1.98)	Extruded FEP .098 (2.49)	9.89 (14.7)	32.0 9105)	900	8.41 (27.6)	—	21.0	—	430	210	130	
M17/174-00001	RGU-393	50 Ω coaxial	7/0312 SPC .094 (2.93)	Extruded PTFE .285 (7.24)	Double 34 SPC .340 (8.64)	Extruded FEP .390 (9.91)	160 (238)	32.0 (105)	1,875	.152 (.499)	—	5.0	—	4,100	1,200	290	
M17/175-00001	RGU-400	50 Ω coaxial	19/32 SPC .038 (.960)	Extruded PTFE .116 (2.95)	Double 36 SPC .162 (4.11)	Extruded FEP .195 (4.95)	41.9 (62.4)	32.0 (105)	1,400	.910 (2.98)	—	10.5	—	2,400	1,050	620	
M17/176-00002	77-1936TF(2)T FPA	77 Ω twinax	19/36 SPTF .024 (1.07)	Extruded PTFE .042 (1.07)	Single 38 SPTF .100 (2.54)	Extruded PFA .125 (3.18)	15.8 (23.5)	24.0 (78.7)	750	2.84 (9.32)	—	—	1.4	—	—	—	