Heat Resistance Fluoropolymers High Frequency Coaxial Cable

Cable Type	Inner Conductor		Insulation		Outer Conductor		Jacket	
	Material	Composition No. / mm	Material	O.D mm	Inner Shield Material	Outer Shield Material	Material	O.D. mm
M17/60-RG142	SCCS	1 / 0.94	FEP	2.95	95% S.C.	95% S.C.	FEP	4.95
M17/93-RG178	SCCS	7 / 0.10	FEP	0.84	95% S.C.	—	FEP	1.80
M17/94-RG179	SCCS	7 / 0.10	FEP	1.60	95% S.C.	—	FEP	2.54
M17/95-RG180	SCCS	7 / 0.10	FEP	2.59	90% S.C.	—	FEP	3.58
M17/111-RG303	SCCS	1 / 0.94	FEP	2.95	95% S.C.	95% S.C.	FEP	4.30
M17/172-RG316	SCCS	7 / 0.17	FEP	1.52	95% S.C.	—	FEP	2.49
M17/175-RG400	SC	19 / 0.20	FEP	2.95	95% S.C.	95% S.C.	FEP	4.95
M17/132-RG404	SCCS	7 / 0.10	FEP(F-7)	0.92	93% S.C	—	FEP	1.85
M17/136-00001 (RG179)	SCCS	7 / 0.10	PFA	1.60	95% S.C.	—	PFA	2.54
M17/137-00001 (RG180)	SCCS	7 / 0.10	PFA	2.59	90% S.C.	—	PFA	3.58
M17/138-00001 (RG316)	SCCS	7 / 0.17	PFA	1.52	95% S.C.	—	PFA	2.49
M17/152-00001	SCCS	7 / 0.17	FEP	1.52	95% S.C.	95% S.C.	FEP	2.90
M17/177-00001	SCCS	7 / 0.10	FEP	2.59	90% S.C.	FEP 95% S.C.	FEP	4.67

REMARK: SC (Silver Plated Copper Wire), SCCS (Silver Plated Copper Covered Steel Wire), FEP (Fluorinated Ethylene Propylene), PFA (Perfluoroalkoxy)

HEAD OFFICE：149 YI LIN RD., JEN TEH DIST., TAINAN ,71752,TAIWAN (R.O.C.)
TEL：886-6-279-3716 FAX：886-6-279-3479 E-MAIL: thsale@mail.taya.com.tw

TAIPEI BRANCH：7F NO.149, WU KUNG RD., WU KU INDUSTRY PARK, WU KU DIST., New Taipei 24886, TAIWAN (R.O.C.)
TEL：886-2-2298-1511 FAX：886-2-2298-0370 E-MAIL: tpsalse@mail.taya.com.tw

Heat Resistance Fluoropolymers High Frequency Coaxial Cable

Cable Type	Conductor Nom. Ω/km	Capacitance Nom. pF/m	Characteristic Impedance Nom. Ω	Attenuation (@ 20℃) Nom. dB/100ft														VSWR Max.	Inductance Nom. μH/m	Dielectric Strength Min. KV
				10	50	100	200	400	700	900	1000	2000	3000	5000	8000	9000	10000	12400			
M17/60-RG142	63.3	95	50	1.2	2.7	3.8	5.4	7.8	10.6	12.1	12.8	18.9	23.8	32.0	42.5	45.7	48.8	55.9	1.33	0.22	5
M17/93-RG178	800.6	95	50	4.3	9.7	13.8	19.5	27.8	37.0	42.0	44.4	63.4	78.4	102.5	131.7	140.3	148.5	166.9	1.33	0.24	2
M17/94-RG179	800.6	64	75	2.5	5.7	8.1	11.6	16.5	22.0	25.1	26.5	38.2	47.4	62.6	81.2	86.7	92.0	104.0	1.33	0.33	2
M17/95-RG180	800.6	49	95	2.0	4.4	6.3	8.9	12.8	17.1	19.5	20.6	29.9	37.3	49.5	64.6	69.1	13.5	83.4	1.33	0.44	2
M17/111-RG303	63.3	95	50	1.2	2.7	3.8	5.4	7.8	10.6	12.1	12.8	18.9	23.8	32.0	42.5	45.7	48.8	55.9	1.33	0.22	5
M17/172-RG316	275.9	95	50	2.5	5.6	8.0	11.4	16.2	21.7	24.7	26.1	37.6	46.7	61.6	80.0	85.5	90.7	102.5	1.33	0.22	2
M17/175-RG400	28.3	95	50	1.4	3.1	4.4	6.3	9.0	12.1	13.9	14.7	21.5	26.9	36.1	47.7	51.2	54.6	62.3	1.33	0.22	3
M17/131-RG403	800.6	95	50	4.3	9.7	13.8	19.5	27.8	37.0	42.0	44.4	63.4	78.4	102.5	131.7	140.3	148.5	166.9	1.33	0.24	2
M17/132-RG404	800.6	95	50	4.3	9.7	13.8	19.5	27.8	37.0	42.0	44.4	63.4	78.4	102.5	131.7	140.3	148.5	166.9	1.33	0.24	2
M17/136-00001	800.6	64	75	2.5	5.7	8.1	11.6	16.5	22.0	25.1	26.5	38.2	47.4	62.6	81.2	86.7	92.0	104.0	1.33	0.33	2
M17/137-00001	800.6	49	95	2.0	4.4	6.3	8.9	12.8	17.1	19.5	20.6	29.9	37.3	49.5	64.6	69.1	13.5	83.4	1.33	0.44	2
M17/138-00001	275.9	95	50	2.5	5.6	8.0	11.4	16.2	21.7	24.7	26.1	37.6	46.7	61.6	80.0	85.5	90.7	102.5	1.33	0.22	2
M17/152-00001	275.9	95	50	2.5	5.6	8.0	11.4	16.2	21.7	24.7	26.1	37.6	46.7	61.6	80.0	85.5	90.7	102.5	1.33	0.22	2
M17/177-00001	800.6	49	95	2.0	4.4	6.3	8.9	12.8	17.1	19.5	20.6	29.9	37.3	49.5	64.6	69.1	13.5	83.4	1.33	0.44	2

REMARK: ATTENUATION MAX. = ATTENUATION NOM. * 1.2 dB/100ft .

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