



FLEXIBLE CABLE

		AEP CABLE GROUP		CENTER CONDUCTOR		BRAID		JACKET		ATTENUATION (dB/100 FT) AT MAX		(POWER (W) AT MAX
RG-	M17			DIELECTRIC						MAX FREQUENCY (GHZ)		
										IMPEDANCE		
55	26, 167	01	A 0.032	G 0.116	DE 0.176	G 0.206	50	USE	RG-	223		
58	28, 155, 197	06	SE 0.036	G 0.116	E 0.150	J 0.195	50	1.0	28	55		
59	29	07	C 0.023	G 0.146	F 0.191	J 0.242	75	1.0	16	72		
62	30, 91, 97	07	C 0.025	G 0.146	F 0.191	J 0.242	93	1.0	13	45		
122	54, 197, 197	30	SE 0.031	G 0.096	E 0.126	J 0.160	50	1.0	30	35		
141	59, 170	06	B 0.039	H 0.116	A 0.146	I 0.190	50	USE	RG-	303		
142	60, 158	01	B 0.037	H 0.116	DA 0.171	K 0.195	50	12.4	76	140		
174	119, 173	03	SC 0.019	H 0.060	E 0.088	J 0.110	50	1.0	45	17		
178	93, 169	02	SB 0.012	H 0.033	A 0.054	K 0.071	50	3.0	94	47		
179	94	03	SB 0.012	H 0.063	A 0.084	K 0.100	75	3.0	43	150		
180	95	04	SB 0.012	H 0.102	A 0.124	K 0.141	95	3.0	36	150		
187	68, 94	03	SB 0.012	H 0.063	A 0.084	K 0.100	75	USE	RG-	179		
188	69, 113	03	SB 0.020	H 0.060	A 0.081	K 0.110	50	USE	RG-	316		
195	70, 95	04	SB 0.012	H 0.102	A 0.124	K 0.155	95	USE	RG-	180		
196	71, 169	02	SB 0.012	H 0.034	A 0.054	K 0.080	50	USE	RG-	178		
223	84, 167, 200	01	A 0.035	G 0.116	DA 0.176	J 0.212	50	12.4	100	11		
303	111, 170	06	B 0.037	H 0.116	A 0.146	K 0.170	50	3.0	26	350		
316	1136, 172	03	SB 0.020	H 0.060	A 0.081	K 0.098	50	3.0	58	78		
400	128, 175	01	SA 0.038	H 0.116	DA 0.171	K 0.095	50	12.4	90	140		
-	152	19	SB 0.020	H 0.060	DA 0.096	K 0.114	50	12.4	85	37		
TIMES RD-178		25	SB 0.012	H 0.034	DA 0.070	K 0.092	50	3.0	94	47		
TIMES RD-316		19	SB 0.020	H 0.060	DA 0.096	K 0.118	50	3.0	58	78		

SEMI-RIGID CABLE

		AEP CABLE GROUP		CENTER CONDUCTOR		OUTER CONDUCTOR		ATTENUATION (DB/100 FT)		
RG-	M17			DIELECTRIC		IMPEDANCE		10 GHz	18 GHz	
402	130	09	B .036	H .118	F .141	50	12	45	64	
405	133	10	B .020	H .066	F .086	50	22	80	123	
-	151	11	B .011	H .037	F .047	50	40	130	180	
0.056" SEMI-RIGID		21	B .011	H .037	F .056	50	35	117	161	

KEY TO MATERIAL CODES:

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|------------------------------|------------------------------|
| A. Silver-covered copper | G. Polyethylene |
| B. Silver-covered copperweld | H. PTFE (Teflon) |
| C. Copperweld | I. Fiberglass |
| D. Double braid | J. PVC |
| E. Tinned copper | K. FEP (Teflon) |
| F. Bare copper | S. Stranded center conductor |

Data is compiled from MIL-C-17 and manufacturer 's literature and is not a guarantee of performance.