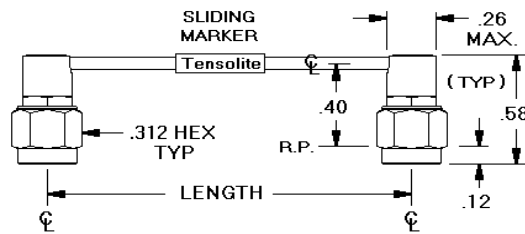


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100 db MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY NOMINAL:	120 ps/INCH					
MAX. PULSE RF POWER:	1250 WATTS					
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)						
F (IN GHZ) ----->	1	2	4	6	12	18
MAX. CW WATTS -->	79	54	37	30	20	15
PHASE STABILITY DEG	0.2	0.3	0.7	1	2	3
LOSS STABILITY dB	0.01	0.01	0.01	0.02	0.03	0.05
CABLE FORMED 90 DEGREES ON A .40 INCH RADIUS						

MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.089 INCHES
MIN. BEND RADIUS:	0.13 INCHES
PREFERRED BEND RADIUS:	0.38 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-50 to +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
SMA CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.1



NOTE: NO MARKER FOR THE ASSEMBLIES 6 INCHES LONG OR LESS.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	HIGH STRENGTH WIRE BRAID	TIN FILLED
MARKER:	MIL-I-23053/5	GRAY / BLACK
SMA CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
SMA BODY:	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA NUT:	ASTM-A-582, 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
SMA CAP:	ASTM-B-36, BRASS	QQ-N-290 NICKEL PLATED
SMA GASKET:	ZZ-R-765, SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

PART NUMBER		LENGTH INCHES	+ - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHZ.)								MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHZ.)								NOM DELAY nS	LENGTH CM		
					UP TO 1	1 TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18	UP TO 1	1 TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18								
1-3737-600- 3202	D	2.00	0.07	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.12	0.16	0.22	0.26	0.38	0.49	0.24	0.18	0.22	0.26	0.38	0.49	0.24	5.08
1-3737-600- 3203	D	3.00	0.07	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.14	0.18	0.26	0.32	0.45	0.58	0.36	0.32	0.45	0.58	0.72	0.91	0.36	7.62
1-3737-600- 3204	D	4.00	0.07	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.16	0.21	0.30	0.37	0.53	0.68	0.48	0.37	0.53	0.68	0.84	1.07	0.48	10.2
1-3737-600- 3205	D	5.00	0.07	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.18	0.24	0.34	0.42	0.60	0.78	0.60	0.42	0.60	0.78	1.08	1.44	0.60	12.7
1-3737-600- 3206	D	6.00	0.07	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.27	0.38	0.47	0.68	0.88	0.72	0.47	0.68	0.88	1.20	1.60	0.72	15.2
1-3737-600- 3207		7.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.21	0.29	0.42	0.52	0.76	0.97	0.84	0.52	0.76	0.97	1.08	1.44	0.84	17.8
1-3737-600- 3208	D	8.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.32	0.46	0.57	0.83	1.07	0.96	0.57	0.83	1.07	1.60	2.16	0.96	20.3
1-3737-600- 3209		9.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.25	0.35	0.50	0.62	0.91	1.17	1.08	0.62	0.91	1.17	1.80	2.40	1.08	22.9
1-3737-600- 3210		10.0	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.27	0.38	0.54	0.67	0.98	1.27	1.20	0.67	0.98	1.27	2.00	2.70	1.20	25.4
1-3737-600- 3211		11.0	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.40	0.59	0.72	1.06	1.36	1.32	0.72	1.06	1.36	2.20	2.90	1.32	27.9
1-3737-600- 3212	D	12.0	0.10	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.31	0.43	0.63	0.77	1.14	1.46	1.44	0.77	1.14	1.46	2.40	3.20	1.44	30.5
1-3737-600- 3213		13.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.33	0.46	0.67	0.82	1.21	1.56	1.56	0.82	1.21	1.56	2.60	3.40	1.56	33.0
1-3737-600- 3214		14.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.49	0.71	0.87	1.29	1.66	1.68	0.87	1.29	1.66	2.80	3.70	1.66	35.6
1-3737-600- 3215		15.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.37	0.52	0.75	0.93	1.37	1.75	1.80	0.93	1.37	1.75	3.00	4.00	1.75	38.1
1-3737-600- 3216		16.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.38	0.54	0.79	0.98	1.44	1.85	1.92	0.98	1.44	1.85	3.20	4.20	1.92	40.6
1-3737-600- 3217		17.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.40	0.57	0.83	1.03	1.52	1.95	2.04	1.03	1.52	1.95	3.40	4.50	2.04	43.2
1-3737-600- 3218	D	18.0	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.60	0.87	1.08	1.59	2.04	2.16	1.08	1.59	2.04	3.60	4.80	2.16	45.7
1-3737-600- 3219		19.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.44	0.63	0.91	1.13	1.67	2.14	2.28	1.13	1.67	2.14	3.80	5.00	2.14	48.3
1-3737-600- 3220		20.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.46	0.65	0.95	1.18	1.75	2.24	2.40	1.18	1.75	2.24	4.00	5.20	2.24	50.8
1-3737-600- 3221		21.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.48	0.68	0.99	1.23	1.82	2.34	2.52	1.23	1.82	2.34	4.20	5.40	2.34	53.3
1-3737-600- 3222		22.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.50	0.71	1.03	1.28	1.90	2.43	2.64	1.28	1.90	2.43	4.40	5.60	2.43	55.9
1-3737-600- 3223		23.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.52	0.74	1.07	1.33	1.97	2.53	2.76	1.33	1.97	2.53	4.60	5.80	2.53	58.4
1-3737-600- 3224	D	24.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.54	0.76	1.11	1.38	2.05	2.63	2.88	1.38	2.05	2.63	4.80	6.00	2.63	61.0
1-3737-600- 3225		25.0	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.56	0.79	1.15	1.43	2.13	2.73	3.00	1.43	2.13	2.73	5.00	6.20	2.73	63.5
1-3737-600- 3226		26.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.58	0.82	1.19	1.49	2.20	2.82	3.12	1.49	2.20	2.82	5.20	6.40	2.82	66.0
1-3737-600- 3227		27.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.59	0.85	1.23	1.54	2.28	2.92	3.24	1.54	2.28	2.92	5.40	6.60	2.92	68.6
1-3737-600- 3228		28.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.61	0.87	1.27	1.59	2.36	3.02	3.36	1.59	2.36	3.02	5.60	6.80	3.02	71.1
1-3737-600- 3229		29.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.63	0.90	1.31	1.64	2.43	3.12	3.48	1.64	2.43	3.12	5.80	7.00	3.12	73.7
1-3737-600- 3230		30.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.65	0.93	1.35	1.69	2.51	3.21	3.60	1.69	2.51	3.21	6.00	7.20	3.21	76.2
1-3737-600- 3231		31.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.67	0.96	1.39	1.74	2.58	3.31	3.71	1.74	2.58	3.31	6.20	7.40	3.31	78.7
1-3737-600- 3232		32.0	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.69	0.98	1.43	1.79	2.66	3.41	3.83	1.79	2.66	3.41	6.40	7.60	3.41	81.3
1-3737-600- 3233		33.0	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.71	1.01	1.48	1.84	2.74	3.51	3.95	1.84	2.74	3.51	6.60	7.80	3.51	83.8
1-3737-600- 3234		34.0	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.73	1.04	1.52	1.89	2.81	3.60	4.07	1.89	2.81	3.60	6.80	8.00	3.60	86.4
1-3737-600- 3235		35.0	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.75	1.07	1.56	1.94	2.89	3.70	4.19	1.94	2.89	3.70	7.00	8.20	3.70	88.9
1-3737-600- 3236		36.0	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.77	1.10	1.60	1.99	2.96	3.80	4.31	1.99	2.96	3.80	7.20	8.40	3.80	91.4
1-3737-600- 3237		37.0	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.78	1.12	1.64	2.04	3.04	3.89	4.43	2.04	3.04	3.89	7.40	8.60	3.89	94.0
1-3737-600- 3238		38.0	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.80	1.15	1.68	2.10	3.12	3.99	4.55	2.10	3.12	3.99	7.60	8.80	3.99	96.5
1-3737-600- 3239		39.0	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.82	1.18	1.72	2.15	3.19	4.09	4.67	2.15	3.19	4.09	7.80	9.00	4.09	99.1
1-3737-600- 3240		40.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.84	1.21	1.76	2.20	3.27	4.19	4.79	2.20	3.27	4.19	8.00	9.20	4.19	102
1-3737-600- 3241		41.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.86	1.23	1.80	2.25	3.35	4.28	4.91	2.25	3.35	4.28	8.20	9.40	4.28	104
1-3737-600- 3242		42.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.88	1.26	1.84	2.30	3.42	4.38	5.03	2.30	3.42	4.38	8.40	9.60	4.38	107
1-3737-600- 3243		43.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.90	1.29	1.88	2.35	3.50	4.48	5.15	2.35	3.50	4.48	8.60	9.80	4.48	109
1-3737-600- 3244		44.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.92	1.32	1.92	2.40	3.57	4.58	5.27	2.40	3.57	4.58	8.80	10.0	4.58	112
1-3737-600- 3245		45.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.94	1.34	1.96	2.45	3.65	4.67	5.39	2.45	3.65	4.67	9.00	10.2	4.67	114
1-3737-600- 3246		46.0	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.96	1.37	2.00	2.50	3.73	4.77	5.51	2.50	3.73	4.77	9.20	10.4	4.77	117
1-3737-600- 3247		47.0	0.20	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.97	1.40	2.04	2.55	3.80	4.87	5.63	2.55	3.80	4.87	9.40	10.6	4.87	119
1-3737-600- 3248		48.0	0.20	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.99	1.43	2.08	2.60	3.88	4.97	5.75	2.60	3.88	4.97	9.60	10.8	4.97	122
1-3737-600- 3260		60.0	0.50	1.2	1.10	1.15	1.20	1.25	1.30	1.35	1.22	1.76	2.57	3.22	4.79	6.13	7.19	3.22	4.79	6.13	9.19	11.9	6.13	152
1-3737-600- 3266		66.0	0.50	1.2	1.10	1.15	1.20	1.25	1.30	1.35	1.34	1.92	2.81	3.52	5.25	6.72	7.91	3.52	5.25	6.72	9.71	12.6	6.72	168
1-3737-600- 3272		72.0	0.50	1.3	1.10	1.15	1.20	1.25	1.30	1.35	1.45	2.09	3.05	3.83	5.71	7.30	8.63	3.83	5.71	7.30	9.63	12.3	7.30	183
1-3737-600- 3278		78.0	0.50	1.4	1.10	1.15	1.20	1.25	1.30	1.35	1.57	2.26	3.30	4.13	6.16	7.89	9.35	4.13	6.16	7.89	9.95	12.9	7.89	198
1-3737-600- 3284		84.0	0.75	1.5	1.10	1.15	1.20	1.25	1.30	1.35	1.68	2.42	3.54	4.44										