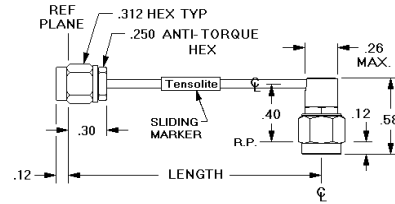


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	120 ps/INCH					
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:	0.090 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
CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.3

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	HIGH STRENGTH WIRE BRAID	TIN FILLED
MARKER:	MIL-I-23053/5	GRAY / BLACK
RoHS MARKER:	MIL-I-23053/5	GREEN
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, SILICONE RUBBER	NONE
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

PART NUMBER		LENGTH INCHES	+ - LENGTH	HEIGHT 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						
1-3637-600-5202	D	2.0	0.05	0.2	1.08	1.12	1.16	1.20	1.25	1.30	0.11	0.14	0.20	0.24	0.34	0.44	0.24	0.24	0.24	0.24	5.1	
1-3637-600-5203	D	3.0	0.05	0.2	1.08	1.12	1.16	1.20	1.25	1.30	0.13	0.17	0.24	0.29	0.42	0.54	0.36	0.36	0.36	0.36	7.6	
1-3637-600-5204	D	4.0	0.05	0.2	1.08	1.12	1.16	1.20	1.25	1.30	0.15	0.20	0.28	0.34	0.49	0.64	0.48	0.48	0.48	0.48	10.2	
1-3637-600-5205	D	5.0	0.05	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.17	0.22	0.32	0.39	0.57	0.74	0.60	0.60	0.60	0.60	12.7	
1-3637-600-5206	D	6.0	0.10	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.18	0.25	0.36	0.44	0.65	0.83	0.72	0.72	0.72	0.72	15.2	
1-3637-600-5207		7.0	0.10	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.20	0.28	0.40	0.49	0.72	0.93	0.84	0.84	0.84	0.84	17.8	
1-3637-600-5208	D	8.0	0.10	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.22	0.31	0.44	0.55	0.80	1.03	0.96	0.96	0.96	0.96	20.3	
1-3637-600-5209		9.0	0.10	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.24	0.34	0.48	0.60	0.87	1.13	1.08	1.08	1.08	1.08	22.9	
1-3637-600-5210		10.0	0.10	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.26	0.36	0.52	0.65	0.95	1.22	1.20	1.20	1.20	1.20	25.4	
1-3637-600-5211		11.0	0.15	0.3	1.08	1.12	1.16	1.20	1.25	1.30	0.28	0.39	0.57	0.70	1.03	1.32	1.32	1.32	1.32	1.32	27.9	
1-3637-600-5212	D	12.0	0.15	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.30	0.42	0.61	0.75	1.10	1.42	1.44	1.44	1.44	1.44	30.5	
1-3637-600-5213		13.0	0.15	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.32	0.45	0.65	0.80	1.18	1.52	1.56	1.56	1.56	1.56	33.0	
1-3637-600-5214		14.0	0.15	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.34	0.47	0.69	0.85	1.25	1.61	1.68	1.68	1.68	1.68	35.6	
1-3637-600-5215		15.0	0.15	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.36	0.50	0.73	0.90	1.33	1.71	1.80	1.80	1.80	1.80	38.1	
1-3637-600-5216		16.0	0.20	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.37	0.53	0.77	0.95	1.41	1.81	1.92	1.92	1.92	1.92	40.6	
1-3637-600-5217		17.0	0.20	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.39	0.56	0.81	1.00	1.48	1.91	2.04	2.04	2.04	2.04	43.2	
1-3637-600-5218	D	18.0	0.20	0.4	1.08	1.12	1.16	1.20	1.25	1.30	0.41	0.58	0.85	1.05	1.56	2.00	2.16	2.16	2.16	2.16	45.7	
1-3637-600-5219		19.0	0.20	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.43	0.61	0.89	1.10	1.64	2.10	2.28	2.28	2.28	2.28	48.3	
1-3637-600-5220		20	0.20	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.45	0.64	0.93	1.16	1.71	2.20	2.40	2.40	2.40	2.40	51	
1-3637-600-5221		21	0.21	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.47	0.67	0.97	1.21	1.79	2.29	2.52	2.52	2.52	2.52	53	
1-3637-600-5222		22	0.22	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.49	0.69	1.01	1.26	1.86	2.39	2.64	2.64	2.64	2.64	56	
1-3637-600-5223		23	0.23	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.51	0.72	1.05	1.31	1.94	2.49	2.76	2.76	2.76	2.76	58	
1-3637-600-5224	D	24	0.24	0.5	1.08	1.12	1.16	1.20	1.25	1.30	0.53	0.75	1.09	1.36	2.02	2.59	2.88	2.88	2.88	2.88	61	
1-3637-600-5225		25	0.25	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.55	0.78	1.13	1.41	2.09	2.68	3.00	3.00	3.00	3.00	64	
1-3637-600-5226		26	0.26	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.57	0.80	1.17	1.46	2.17	2.78	3.12	3.12	3.12	3.12	66	
1-3637-600-5227		27	0.27	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.58	0.83	1.21	1.51	2.24	2.88	3.24	3.24	3.24	3.24	69	
1-3637-600-5228		28	0.28	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.60	0.86	1.25	1.56	2.32	2.98	3.36	3.36	3.36	3.36	71	
1-3637-600-5229		29	0.29	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.62	0.89	1.29	1.61	2.40	3.07	3.48	3.48	3.48	3.48	74	
1-3637-600-5230		30	0.30	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.64	0.92	1.33	1.66	2.47	3.17	3.60	3.60	3.60	3.60	76	
1-3637-600-5231		31	0.31	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.66	0.94	1.37	1.72	2.55	3.27	3.71	3.71	3.71	3.71	79	
1-3637-600-5232		32	0.32	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.68	0.97	1.41	1.77	2.63	3.37	3.83	3.83	3.83	3.83	81	
1-3637-600-5233		33	0.33	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.70	1.00	1.46	1.82	2.70	3.46	3.95	3.95	3.95	3.95	84	
1-3637-600-5234		34	0.34	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.72	1.03	1.50	1.87	2.78	3.56	4.07	4.07	4.07	4.07	86	
1-3637-600-5235		35	0.35	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.74	1.05	1.54	1.92	2.85	3.66	4.19	4.19	4.19	4.19	89	
1-3637-600-5236		36	0.36	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.76	1.08	1.58	1.97	2.93	3.76	4.31	4.31	4.31	4.31	91	
1-3637-600-5237		37	0.37	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.77	1.11	1.62	2.02	3.01	3.85	4.43	4.43	4.43	4.43	94	
1-3637-600-5238		38	0.38	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.79	1.14	1.66	2.07	3.08	3.95	4.55	4.55	4.55	4.55	97	
1-3637-600-5239		39	0.39	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.81	1.16	1.70	2.12	3.16	4.05	4.67	4.67	4.67	4.67	99	
1-3637-600-5240		40	0.40	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.83	1.19	1.74	2.17	3.23	4.14	4.79	4.79	4.79	4.79	102	
1-3637-600-5241		41	0.41	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.85	1.22	1.78	2.22	3.31	4.24	4.91	4.91	4.91	4.91	104	
1-3637-600-5242		42	0.42	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.87	1.25	1.82	2.27	3.39	4.34	5.03	5.03	5.03	5.03	107	
1-3637-600-5243		43	0.43	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.89	1.27	1.86	2.33	3.46	4.44	5.15	5.15	5.15	5.15	109	
1-3637-600-5244		44	0.44	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.91	1.30	1.90	2.38	3.54	4.53	5.27	5.27	5.27	5.27	112	
1-3637-600-5245		45	0.45	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.93	1.33	1.94	2.43	3.62	4.63	5.39	5.39	5.39	5.39	114	
1-3637-600-5246		46	0.46	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.95	1.36	1.98	2.48	3.69	4.73	5.51	5.51	5.51	5.51	117	
1-3637-600-5247		47	0.47	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.96	1.38	2.02	2.53	3.77	4.83	5.63	5.63	5.63	5.63	119	
1-3637-600-5248		48	0.48	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.98	1.41	2.06	2.58	3.84	4.92	5.75	5.75	5.75	5.75	122	
1-3637-600-5249		49	0.49	0.9	1.10	1.15	1.20	1.25	1.30	1.35	1.00	1.44	2.10	2.63	3.92	5.02	5.87	5.87	5.87	5.87	124	
1-3637-600-5250		50	0.50	0.9	1.10	1.15	1.20	1.25	1.30	1.35	1.02	1.47	2.14	2.68	4.00	5.12	5.99	5.99	5.99	5.99	127	
1-3637-600-5251		51	0.51	0.9	1.10	1.15	1.20	1.25	1.30	1.35	1.04	1.50	2.18	2.73	4.07	5.22	6.11	6.11	6.11	6.11	130	
1-3637-600-5252		52	0.52	0.9	1.10	1.15	1.20	1.25	1.30	1.35	1.06	1.52	2.22	2.78	4.15	5.31	6.23	6.23	6.23	6.23	132	
1-3637-600-5253		53	0.53	1.0	1.10	1.15	1.20	1.25	1.30	1.35	1.08	1.55	2.26	2.83	4.22	5.41	6.35	6.35	6.35	6.35	135	
1-3637-600-5254		54	0.54	1.0	1.10	1.15	1.20	1.25	1.30	1.35	1.10	1.58	2.31	2.89	4.30	5.51	6.47	6.47	6.47	6.47	137	
1-3637-600-5256		56	0.56	1.0	1.10	1.15	1.20	1.25	1.30	1.35	1.14	1.63	2.39	2.99	4.45	5.70	6.71	6.71	6.71	6.71	142	
1-3637-600-5258		58	0.58	1.0	1.10	1.15	1.20	1.25	1.30	1.35	1.17	1.69	2.47	3.09	4.61	5.90	6.95	6.95	6.95	6.95	147	
1-3637-600-5259		59	0.59	1.0	1.10	1.15	1.20	1.25	1.30	1.35	1.19	1.72	2.51	3.14	4.68	5.99	7.07	7.07	7.07	7.07	150	
1-3637-600-5260		60	0.60	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.21	1.74	2.55	3.19	4.76	6.09	7.19	7.19	7.19	7.19	152	
1-3637-600-5261		61	0.61	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.23	1.77	2.59	3.24	4.83	6.19	7.31	7.31	7.31	7.31	155	
1-3637-600-5263		63	0.63	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.27	1.83	2.67	3.34	4.99	6.38	7.55	7.55	7.55	7.55	160	
1-3637-600-5266		66	0.66	1.1	1.10																	