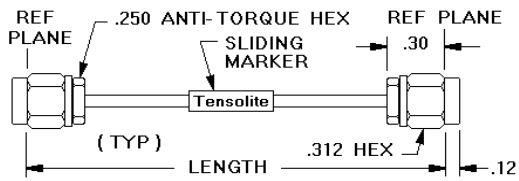


ELECTRICAL SPECIFICATIONS					
IMPEDANCE, NOMINAL:	50 OHMS				
CAPACITANCE NOMINAL:	28.7 pF/FOOT				
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %				
RELATIVE SHIELDING:	-100 dB MIN.				
INSULATION RESISTANCE:	1000 MEGOHMS MIN.				
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.				
ELECTRICAL DELAY NOMINAL:	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 -->	200	136	91	71	46 36
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:	0.141 INCHES
MIN. BEND RADIUS:	0.19 INCHES
PREFERRED BEND RADIUS:	0.50 INCHES
CONNECTOR RETENTION:	50 POUNDS MIN.
TEMPERATURE RANGE:	-50 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	MIL-STD-348



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	HIGH STRENGTH WIRE BRAID	TIN FILLED
MARKER:	MIL-I-23053/5	GRAY
ROHS MARKER:	MIL-I-23053/5	GREEN
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 GASKET:	ZZ-R-765, SILICON RUBBER	NONE
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION		MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS								S12 AND S21 CHARACTERISTICS								NOM DELAY	LENGTH CM
					MAXIMUM VSWR 1 AT FREQUENCY (IN GHz)								MAXIMUM INSERTION LOSS IN DB AT FREQ. (IN GHz)									
PART NUMBER	LENGTH INCHES	+-	WEIGHT OUNCES	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	nS						
1-3636-601-5202	D	2.00	0.05	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.08	0.10	0.15	0.17	0.25	0.33	0.24	5.08				
1-3636-601-5203	D	3.00	0.05	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.09	0.12	0.17	0.20	0.29	0.39	0.36	7.62				
1-3636-601-5204	D	4.00	0.05	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.10	0.14	0.20	0.23	0.34	0.45	0.48	10.2				
1-3636-601-5205	D	5.00	0.10	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.11	0.15	0.22	0.27	0.39	0.51	0.60	12.7				
1-3636-601-5206	D	6.00	0.10	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.13	0.17	0.24	0.30	0.43	0.57	0.72	15.2				
1-3636-601-5207	D	7.00	0.10	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.14	0.18	0.27	0.33	0.48	0.63	0.84	17.8				
1-3636-601-5208	D	8.00	0.10	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.15	0.20	0.29	0.36	0.53	0.69	0.96	20.3				
1-3636-601-5209	D	9.00	0.10	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.16	0.22	0.31	0.39	0.57	0.75	1.08	22.9				
1-3636-601-5210	D	10.00	0.10	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.17	0.23	0.34	0.42	0.62	0.82	1.12	25.4				
1-3636-601-5211	D	11.00	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.18	0.25	0.36	0.45	0.67	0.88	1.32	27.9				
1-3636-601-5212	D	12.00	0.15	0.6	1.06	1.10	1.14	1.17	1.20	1.30	0.19	0.26	0.39	0.48	0.71	0.94	1.44	30.5				
1-3636-601-5213	D	13.00	0.15	0.6	1.06	1.10	1.14	1.17	1.20	1.30	0.20	0.28	0.41	0.51	0.76	1.00	1.56	33.0				
1-3636-601-5214	D	14.00	0.15	0.6	1.06	1.10	1.14	1.17	1.20	1.30	0.21	0.30	0.43	0.54	0.81	1.06	1.68	35.6				
1-3636-601-5215	D	15.00	0.15	0.7	1.06	1.10	1.14	1.17	1.20	1.30	0.22	0.31	0.46	0.57	0.86	1.12	1.80	38.1				
1-3636-601-5216	D	16.00	0.15	0.7	1.06	1.10	1.14	1.17	1.20	1.30	0.23	0.33	0.48	0.60	0.90	1.18	1.92	40.6				
1-3636-601-5217	D	17.00	0.15	0.7	1.06	1.10	1.14	1.17	1.20	1.30	0.24	0.34	0.51	0.63	0.95	1.24	2.04	43.2				
1-3636-601-5218	D	18.00	0.15	0.8	1.06	1.10	1.14	1.17	1.20	1.30	0.26	0.36	0.53	0.66	1.00	1.30	2.16	45.7				
1-3636-601-5219	D	19.00	0.15	0.8	1.06	1.10	1.14	1.17	1.20	1.30	0.27	0.38	0.55	0.69	1.04	1.36	2.28	48.3				
1-3636-601-5220	D	20.00	0.20	0.8	1.06	1.10	1.14	1.17	1.20	1.30	0.28	0.39	0.58	0.72	1.09	1.42	2.40	51				
1-3636-601-5221	D	21.00	0.21	0.9	1.06	1.10	1.14	1.17	1.20	1.30	0.29	0.41	0.60	0.75	1.14	1.48	2.52	53				
1-3636-601-5222	D	22.00	0.22	0.9	1.06	1.10	1.14	1.17	1.20	1.30	0.30	0.42	0.62	0.78	1.18	1.54	2.64	56				
1-3636-601-5223	D	23.00	0.23	0.9	1.06	1.10	1.14	1.17	1.20	1.30	0.31	0.44	0.65	0.81	1.23	1.61	2.76	58				
1-3636-601-5224	D	24.00	0.24	0.9	1.06	1.10	1.14	1.17	1.20	1.30	0.32	0.46	0.67	0.84	1.28	1.67	2.88	61				
1-3636-601-5225	D	25.00	0.25	1.0	1.06	1.10	1.14	1.17	1.20	1.30	0.33	0.47	0.70	0.87	1.32	1.73	3.00	64				
1-3636-601-5226	D	26.00	0.26	1.0	1.06	1.10	1.14	1.17	1.20	1.30	0.34	0.49	0.72	0.90	1.37	1.79	3.12	66				
1-3636-601-5227	D	27.00	0.27	1.0	1.06	1.10	1.14	1.17	1.20	1.30	0.35	0.50	0.74	0.93	1.42	1.85	3.24	69				
1-3636-601-5228	D	28.00	0.28	1.1	1.06	1.10	1.14	1.17	1.20	1.30	0.36	0.52	0.77	0.96	1.46	1.91	3.36	71				
1-3636-601-5229	D	29.00	0.29	1.1	1.06	1.10	1.14	1.17	1.20	1.30	0.37	0.54	0.79	0.99	1.51	1.97	3.48	74				
1-3636-601-5230	D	30.00	0.30	1.1	1.06	1.10	1.14	1.17	1.20	1.30	0.38	0.56	0.82	1.02	1.56	2.03	3.60	76				
1-3636-601-5231	D	31.00	0.31	1.2	1.06	1.10	1.14	1.17	1.20	1.30	0.40	0.57	0.84	1.06	1.60	2.09	3.71	79				
1-3636-601-5232	D	32.00	0.32	1.2	1.06	1.10	1.14	1.17	1.20	1.30	0.41	0.58	0.86	1.09	1.65	2.15	3.83	81				
1-3636-601-5233	D	33.00	0.33	1.2	1.06	1.10	1.14	1.17	1.20	1.30	0.42	0.60	0.89	1.12	1.70	2.21	3.95	84				
1-3636-601-5234	D	34.00	0.34	1.3	1.06	1.10	1.14	1.17	1.20	1.30	0.43	0.62	0.91	1.15	1.74	2.27	4.07	86				
1-3636-601-5235	D	35.00	0.35	1.3	1.06	1.10	1.14	1.17	1.20	1.30	0.44	0.63	0.93	1.18	1.79	2.34	4.19	89				
1-3636-601-5236	D	36.00	0.36	1.3	1.06	1.10	1.14	1.17	1.20	1.30	0.45	0.65	0.96	1.21	1.84	2.40	4.31	91				
1-3636-601-5237	D	37.00	0.37	1.4	1.06	1.10	1.14	1.17	1.20	1.30	0.46	0.66	0.98	1.24	1.88	2.46	4.43	94				
1-3636-601-5238	D	38.00	0.38	1.4	1.06	1.10	1.14	1.17	1.20	1.30	0.47	0.68	1.01	1.27	1.93	2.52	4.55	97				
1-3636-601-5239	D	39.00	0.39	1.4	1.06	1.10	1.14	1.17	1.20	1.30	0.48	0.70	1.03	1.30	1.98	2.58	4.67	99				
1-3636-601-5240	D	40.00	0.40	1.5	1.06	1.10	1.14	1.17	1.20	1.30	0.49	0.71	1.05	1.33	2.02	2.64	4.79	102				
1-3636-601-5241	D	41.00	0.41	1.5	1.06	1.10	1.14	1.17	1.20	1.30	0.50	0.73	1.08	1.36	2.07	2.70	4.91	104				
1-3636-601-5242	D	42.00	0.42	1.5	1.06	1.10	1.14	1.17	1.20	1.30	0.52	0.74	1.10	1.39	2.12	2.76	5.03	107				
1-3636-601-5243	D	43.00	0.43	1.6	1.06	1.10	1.14	1.17	1.20	1.30	0.53	0.76	1.12	1.42	2.16	2.82	5.15	109				
1-3636-601-5244	D	44.00	0.44	1.6	1.06	1.10	1.14	1.17	1.20	1.30	0.54	0.77	1.15	1.45	2.21	2.88	5.27	112				
1-3636-601-5245	D	45.00	0.45	1.6	1.06	1.10	1.14	1.17	1.20	1.30	0.55	0.79	1.17	1.48	2.26	2.94	5.39	114				
1-3636-601-5246	D	46.00	0.46	1.7	1.06	1.10	1.14	1.17	1.20	1.30	0.56	0.81	1.20	1.51	2.30	3.00	5.51	117				
1-3636-601-5247	D	47.00	0.47	1.7	1.06	1.10	1.14	1.17	1.20	1.30	0.58	0.84	1.22	1.54	2.36	3.07	5.63	119				
1-3636-601-5248	D	48.00	0.47	1.7	1.06	1.10	1.14	1.17	1.20	1.30	0.58	0.84	1.24	1.57	2.40	3.13	5.75	122				
1-3636-601-5249	D	49.00	0.49	1.7	1.06	1.10	1.14	1.17	1.20	1.30	0.59	0.85	1.27	1.60	2.44	3.19	5.87	124				
1-3636-601-5250	D	50.00	0.50	1.8	1.06	1.10	1.14	1.17	1.20	1.30	0.60	0.87	1.29	1.63	2.49	3.25	5.99	127				
1-3636-601-5252	D	52.00	0.52	1.8	1.06	1.10	1.14	1.17	1.20	1.30	0.62	0.90	1.34	1.69	2.58	3.37	6.23	132				
1-3636-601-5254	D	54.00	0.54	1.9	1.06	1.10	1.14	1.17	1.20	1.30	0.65	0.93	1.39	1.75	2.68	3.49	6.47	137				
1-3636-601-5256	D	56.00	0.56	2.0	1.06	1.10	1.14	1.17	1.20	1.30	0.67	0.95	1.43	1.81	2.77	3.61	6.71	142				
1-3636-601-5258	D	58.00	0.58	2.1	1.06	1.10	1.14	1.17	1.20	1.30	0.67	0.96	1.45	1.88	2.82	3.68	6.95	147				
1-3636-601-5260	D	60.00	0.60	2.1	1.06	1.10	1.14	1.17	1.20	1.30	0.71	1.03	1.53	1.97	2.96	3.86	7.19	152				
1-3636-601-5262	D	62.00	0.62	2.2	1.06	1.10	1.14	1.17	1.20	1.30	0.73	1.06	1.58	2.00	3.05	3.98	7.43	157				
1-3636-601-5264	D	64.00	0.64	2.2	1.06	1.10	1.14	1.17	1.20	1.30	0.75	1.09	1.63	2.06	3.10	4.10	7.67	163				
1-3636-601-5266	D	66.00	0.66	2.3	1.06	1.10	1.14	1.17	1.20	1.30	0.78	1.13	1.67	2.12	3.24	4.22	7.91	168				
1-3636-601-5268	D	68.00	0.68	2.4	1.06	1.10	1.14	1.17	1.20	1.30	0.80	1.16	1.72	2.18	3.33	4.34	8.15	173				
1-3636-601-5270	D	70.00	0.70	2.4	1.06	1.10	1.14	1.17	1.20	1.30	0.82	1.19	1.77	2.24	3.43	4.46	8.39	178				
1-3636-601-5272	D	72.00	0.72	2.5	1.06	1.10	1.14	1.17	1.20	1.30	0.85	1.22	1.82	2.30	3.53	4.59	8.63	183				
1-3636-601-5275	D	75.00	0.75	2.6	1.06	1.10	1.14	1.17	1.20	1.30	0.87	1.25	1.89	2.39	3.66	4.71	8.99	191				
1-3636-601-5278	D	78.00	0.78	2.7	1.06	1.10	1.14	1.17	1.20	1.30	0.91	1.32	1.96	2.48	3.80	4.95	9.35	198				
1-3636-601-5279	D	79.00	0.79	2.7	1.06	1.10	1.14	1.17	1.20	1.30	0.92	1.33	1.98	2.51	3.85	5.01	9.47	201				
1-3636-601-5280	D	80.00	0.80	2.7	1.06	1.10	1.14	1.17	1.20	1.30	0.93	1.35	2.01	2.54	3.89	5.07	9.59	203				
1-3636-601-5282	D	82.00	0.82	2.8	1.06	1.10	1.14	1.17	1.20	1.30	0.95	1.38	2.05	2.60	3.99	5.19	9.83	208				
1-3636-601-5284	D	84.00	0.84	2.9	1.10	1.15	1.20	1.25	1.30	1.35	0.94	1.41	2.10	2.67	4.08	5.31	10.1	213				
1-3636-601-5286	D	86.00	0.86	3.0	1.10	1.15	1.20	1.25	1.30	1.35	1.01	1.48	2.20	2.77	4.							