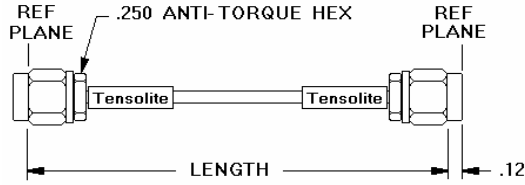


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	120 ps/INCH
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 ---->	39 27 19 15 10 8



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.112 INCHES
MIN. BEND RADIUS (ONE TIME):	0.15 INCHES
PREFERRED BEND RADIUS:	0.40 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-50 / +85 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
SMA CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.3

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET (SEE NOTE):	POLYURETHANE	GREY TINT
OUTER CONDUCTOR:	HIGH STRENGTH COPPER BRAID	TIN COATED
MARKER	MIL-I-23053/5	GRAY
FLUX:	MIL-F-14256, RMA	NONE
SMA CONTACTS:	ASTM B196 BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM D1457 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 GASKET	ZZ-R-765 SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION	MECHANICAL CHARACTERISTICS	PRODUCT MAXIMUM										PRODUCT MAXIMUM						LENGTH CM
		PART NUMBER	LENGTH INCHES	+ - LENGTH	WEIGHT OUNCES	S11 AND S22 CHARACTERISTICS						S21 AND S12 CHARACTERISTICS						
						MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)						MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)						
					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		
1-3636-620-5202	D	2.0	0.05	0.2	1.05	1.08	1.13	1.15	1.18	1.28	0.10	0.13	0.18	0.22	0.31	0.40	0.24	5.08
1-3636-620-5203	D	3.0	0.05	0.2	1.05	1.08	1.13	1.15	1.18	1.28	0.12	0.16	0.22	0.27	0.38	0.50	0.36	7.62
1-3636-620-5204	D	4.0	0.05	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.14	0.18	0.26	0.32	0.46	0.60	0.48	10.16
1-3636-620-5205	D	5.0	0.05	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.16	0.21	0.30	0.37	0.53	0.69	0.60	12.70
1-3636-620-5206	D	6.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.17	0.24	0.34	0.42	0.61	0.79	0.72	15.24
1-3636-620-5207	D	7.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.19	0.27	0.38	0.47	0.69	0.89	0.84	17.78
1-3636-620-5208	D	8.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.21	0.29	0.42	0.52	0.76	0.99	0.96	20.32
1-3636-620-5209	D	9.0	0.10	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.23	0.32	0.46	0.57	0.84	1.08	1.08	22.86
1-3636-620-5210	D	10.0	0.10	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.25	0.35	0.50	0.62	0.92	1.18	1.20	25.40
1-3636-620-5211	D	11.0	0.15	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.27	0.38	0.55	0.67	0.99	1.28	1.32	27.94
1-3636-620-5212	D	12.0	0.15	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.29	0.40	0.59	0.72	1.07	1.37	1.44	30.48
1-3636-620-5213	D	13.0	0.15	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.31	0.43	0.63	0.77	1.14	1.47	1.56	33.02
1-3636-620-5214	D	14.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.33	0.46	0.67	0.83	1.22	1.57	1.68	35.56
1-3636-620-5215	D	15.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.35	0.49	0.71	0.88	1.30	1.67	1.80	38.10
1-3636-620-5216	D	16.0	0.20	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.36	0.51	0.75	0.93	1.37	1.76	1.92	40.64
1-3636-620-5217	D	17.0	0.20	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.38	0.54	0.79	0.98	1.45	1.86	2.04	43.18
1-3636-620-5218	D	18.0	0.20	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.40	0.57	0.83	1.03	1.52	1.96	2.16	45.72
1-3636-620-5219	D	19.0	0.20	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.42	0.60	0.87	1.08	1.60	2.05	2.28	48.26
1-3636-620-5220	D	20.0	0.20	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.44	0.62	0.91	1.13	1.68	2.15	2.40	50.80
1-3636-620-5221	D	21.0	0.21	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.46	0.65	0.95	1.18	1.75	2.25	2.52	53.34
1-3636-620-5222	D	22.0	0.22	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.48	0.68	0.99	1.23	1.83	2.35	2.64	55.88
1-3636-620-5223	D	23.0	0.23	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.50	0.71	1.03	1.28	1.91	2.44	2.76	58.42
1-3636-620-5224	D	24.0	0.24	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.52	0.74	1.07	1.33	1.98	2.54	2.88	60.96
1-3636-620-5225	D	25.0	0.25	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.54	0.76	1.11	1.39	2.06	2.64	3.00	63.50
1-3636-620-5226	D	26.0	0.26	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.56	0.79	1.15	1.44	2.13	2.73	3.12	66.04
1-3636-620-5227	D	27.0	0.27	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.57	0.82	1.19	1.49	2.21	2.83	3.24	68.58
1-3636-620-5228	D	28.0	0.28	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.59	0.85	1.23	1.54	2.29	2.93	3.36	71.12
1-3636-620-5229	D	29.0	0.29	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.61	0.87	1.27	1.59	2.36	3.03	3.48	73.66
1-3636-620-5230	D	30.0	0.30	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.63	0.90	1.31	1.64	2.44	3.12	3.60	76.20
1-3636-620-5231	D	31.0	0.31	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.65	0.93	1.35	1.69	2.51	3.22	3.71	78.74
1-3636-620-5232	D	32.0	0.32	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.67	0.96	1.39	1.74	2.59	3.32	3.83	81.28
1-3636-620-5233	D	33.0	0.33	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.69	0.98	1.44	1.79	2.67	3.42	3.95	83.82
1-3636-620-5234	D	34.0	0.34	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.71	1.01	1.48	1.84	2.74	3.51	4.07	86.36
1-3636-620-5235	D	35.0	0.35	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.73	1.04	1.52	1.89	2.82	3.61	4.19	88.90
1-3636-620-5236	D	36.0	0.36	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.75	1.07	1.56	1.95	2.90	3.71	4.31	91.44
1-3636-620-5237	D	37.0	0.37	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.76	1.09	1.60	2.00	2.97	3.80	4.43	93.98
1-3636-620-5238	D	38.0	0.38	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.78	1.12	1.64	2.05	3.05	3.90	4.55	96.52
1-3636-620-5239	D	39.0	0.39	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.80	1.15	1.68	2.10	3.12	4.00	4.67	99.06
1-3636-620-5240	D	40.0	0.40	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.82	1.18	1.72	2.15	3.20	4.10	4.79	101.60
1-3636-620-5241	D	41.0	0.41	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.84	1.21	1.76	2.20	3.28	4.19	4.91	104.14
1-3636-620-5242	D	42.0	0.42	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.86	1.23	1.80	2.25	3.35	4.29	5.03	106.68
1-3636-620-5243	D	43.0	0.43	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.88	1.25	1.84	2.30	3.43	4.38	5.15	109.22
1-3636-620-5244	D	44.0	0.44	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.92	1.32	1.92	2.40	3.58	4.58	5.39	114.30
1-3636-620-5245	D	45.0	0.45	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.94	1.34	1.96	2.45	3.66	4.68	5.51	116.84
1-3636-620-5246	D	46.0	0.46	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.96	1.36	1.99	2.50	3.74	4.78	5.63	119.38
1-3636-620-5247	D	47.0	0.47	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.98	1.38	2.02	2.55	3.82	4.87	5.75	121.92
1-3636-620-5248	D	48.0	0.48	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.97	1.40	2.04	2.56	3.81	4.87	5.75	121.92
1-3636-620-5249	D	49.0	0.49	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.01	1.56	2.29	2.86	4.27	5.46	6.47	137.16
1-3636-620-5250	D	50.0	0.50	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.02	1.57	2.30	2.87	4.28	5.47	6.48	137.60
1-3636-620-5251	D	51.0	0.51	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.03	1.58	2.31	2.88	4.29	5.48	6.49	138.04
1-3636-620-5252	D	52.0	0.52	1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.04	1.59	2.32	2.89	4.30	5.49		