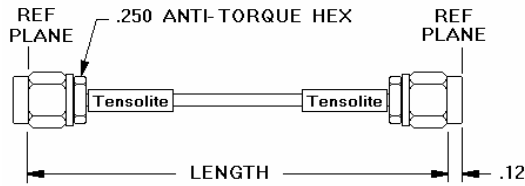


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	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															LENGTH CM
		S11 AND S22 CHARACTERISTICS										S21 AND S12 CHARACTERISTICS					
		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	NOM DELAY ns			
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	43.0 0.43 1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.88	1.26	1.84	2.30	3.43	4.39	5.15	109.22		
1-3636-620-5244	44.0 0.44 1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.90	1.29	1.88	2.35	3.51	4.49	5.27	111.76		
1-3636-620-5245	45.0 0.45 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		
1-3636-620-5246	46.0 0.46 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		
1-3636-620-5247	47.0 0.47 1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.96	1.37	1.99	2.50	3.74	4.78	5.63	119.38		
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	49.0 0.49 1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.99	1.43	2.08	2.61	3.89	4.97	5.87	124.46		
1-3636-620-5250	50.0 0.50 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.01	1.46	2.12	2.66	3.97	5.07	5.99	127.00		
1-3636-620-5251	51.0 0.51 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.03	1.49	2.16	2.71	4.05	5.17	6.11	129.54		
1-3636-620-5252	52.0 0.52 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.05	1.52	2.20	2.76	4.13	5.27	6.23	132.08		
1-3636-620-5253	53.0 0.53 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.07	1.55	2.24	2.81	4.21	5.37	6.35	134.62		
1-3636-620-5254	54.0 0.54 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.09	1.58	2.28	2.86	4.27	5.46	6.47	137.16		
1-3636-620-5255	55.0 0.55 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.11	1.61	2.32	2.91	4.35	5.56	6.59	139.70		
1-3636-620-5256	56.0 0.56 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.13	1.64	2.36	2.96	4.43	5.66	6.71	142.24		
1-3636-620-5257	57.0 0.57 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.15	1.67	2.40	3.01	4.51	5.76	6.83	144.78		
1-3636-620-5258	58.0 0.58 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.17	1.70	2.44	3.06	4.59	5.86	6.95	147.32		
1-3636-620-5259	59.0 0.59 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.19	1.73	2.48	3.11	4.67	5.95	7.07	149.86		
1-3636-620-5260	60.0 0.60 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.21	1.76	2.52	3.16	4.75	6.05	7.19	152.40		
1-3636-620-5261	61.0 0.61 1.1	1.10	1.15	1.20	1.25	1.30	1.35	1.23	1.79	2.56	3.21	4.83	6.15	7.31	154		

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