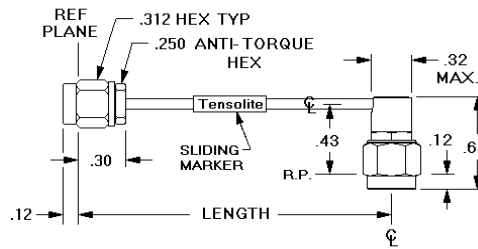


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 db MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT
ELECTRICAL 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

MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.145 INCHES
MIN. BEND RADIUS:	0.19 INCHES
PREFERRED BEND RADIUS:	0.50 INCHES
CONNECTOR RETENTION:	50 POUNDS MIN.
TEMPERATURE RANGE:	-65/+105 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:	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, 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								
1-3637-601- 5202	D 2.00	0.05	0.2	1.10	1.15	1.18	1.20	1.28	1.35	0.11	0.14	0.20	0.24	0.33	0.44	0.24	5.08						
1-3637-601- 5203	D 3.00	0.05	0.3	1.10	1.15	1.18	1.20	1.28	1.35	0.12	0.16	0.22	0.27	0.38	0.50	0.36	7.62						
1-3637-601- 5204	D 4.00	0.05	0.3	1.10	1.15	1.18	1.20	1.28	1.35	0.13	0.17	0.25	0.30	0.43	0.56	0.48	10.2						
1-3637-601- 5205	D 5.00	0.05	0.3	1.10	1.15	1.18	1.20	1.28	1.35	0.14	0.19	0.27	0.33	0.47	0.62	0.60	12.7						
1-3637-601- 5206	D 6.00	0.10	0.4	1.10	1.15	1.18	1.20	1.28	1.35	0.15	0.20	0.29	0.36	0.52	0.68	0.72	15.2						
1-3637-601- 5207	D 7.00	0.10	0.4	1.10	1.15	1.18	1.20	1.28	1.35	0.16	0.22	0.32	0.39	0.57	0.74	0.84	17.8						
1-3637-601- 5208	D 8.00	0.10	0.4	1.10	1.15	1.18	1.20	1.28	1.35	0.17	0.24	0.34	0.42	0.61	0.80	0.96	20.3						
1-3637-601- 5209	D 9.00	0.10	0.5	1.10	1.15	1.18	1.20	1.28	1.35	0.18	0.25	0.36	0.45	0.66	0.86	1.08	22.9						
1-3637-601- 5210	D 10.00	0.10	0.5	1.10	1.15	1.18	1.20	1.28	1.35	0.19	0.27	0.39	0.48	0.71	0.92	1.20	25.4						
1-3637-601- 5211	D 11.00	0.15	0.5	1.10	1.15	1.18	1.20	1.28	1.35	0.20	0.28	0.41	0.51	0.75	0.98	1.32	27.9						
1-3637-601- 5212	D 12.00	0.15	0.6	1.10	1.15	1.18	1.20	1.28	1.35	0.22	0.30	0.44	0.54	0.80	1.04	1.44	30.5						
1-3637-601- 5213	D 13.00	0.15	0.6	1.10	1.15	1.18	1.20	1.28	1.35	0.23	0.32	0.46	0.57	0.85	1.11	1.56	33.0						
1-3637-601- 5214	D 14.00	0.15	0.6	1.10	1.15	1.18	1.20	1.28	1.35	0.24	0.33	0.48	0.60	0.89	1.17	1.68	35.6						
1-3637-601- 5215	D 15.00	0.15	0.7	1.10	1.15	1.18	1.20	1.28	1.35	0.25	0.35	0.51	0.63	0.94	1.23	1.80	38.1						
1-3637-601- 5216	D 16.00	0.20	0.7	1.10	1.15	1.18	1.20	1.28	1.35	0.26	0.36	0.53	0.66	0.99	1.29	1.92	40.6						
1-3637-601- 5217	D 17.00	0.20	0.7	1.10	1.15	1.18	1.20	1.28	1.35	0.27	0.38	0.56	0.69	1.04	1.35	2.04	43.2						
1-3637-601- 5218	D 18.00	0.20	0.8	1.10	1.15	1.18	1.20	1.28	1.35	0.28	0.40	0.58	0.72	1.08	1.41	2.16	45.7						
1-3637-601- 5219	D 19.00	0.20	0.8	1.10	1.15	1.18	1.20	1.28	1.35	0.29	0.41	0.60	0.75	1.13	1.47	2.28	48.3						
1-3637-601- 5220	D 20.00	0.20	0.8	1.10	1.15	1.18	1.20	1.28	1.35	0.30	0.43	0.63	0.78	1.18	1.53	2.40	50.8						
1-3637-601- 5221	D 21.00	0.21	0.9	1.10	1.15	1.18	1.20	1.28	1.35	0.31	0.44	0.65	0.81	1.22	1.59	2.52	53.3						
1-3637-601- 5222	D 22.00	0.22	0.9	1.10	1.15	1.18	1.20	1.28	1.35	0.32	0.46	0.67	0.84	1.27	1.65	2.64	55.9						
1-3637-601- 5223	D 23.00	0.23	0.9	1.10	1.15	1.18	1.20	1.28	1.35	0.33	0.47	0.70	0.87	1.32	1.71	2.76	58.4						
1-3637-601- 5224	D 24.00	0.24	0.9	1.10	1.15	1.18	1.20	1.28	1.35	0.35	0.49	0.72	0.90	1.36	1.78	2.88	61.0						
1-3637-601- 5225	D 25.00	0.25	1.0	1.10	1.15	1.18	1.20	1.28	1.35	0.36	0.51	0.75	0.93	1.41	1.84	3.00	63.5						
1-3637-601- 5226	D 26.00	0.26	1.0	1.10	1.15	1.18	1.20	1.28	1.35	0.37	0.52	0.77	0.96	1.46	1.90	3.12	66.0						
1-3637-601- 5227	D 27.00	0.27	1.0	1.10	1.15	1.18	1.20	1.28	1.35	0.38	0.54	0.79	0.99	1.50	1.96	3.24	68.6						
1-3637-601- 5228	D 28.00	0.28	1.1	1.10	1.15	1.18	1.20	1.28	1.35	0.39	0.55	0.82	1.03	1.55	2.02	3.36	71.1						
1-3637-601- 5229	D 29.00	0.29	1.1	1.10	1.15	1.18	1.20	1.28	1.35	0.40	0.57	0.84	1.06	1.60	2.08	3.48	73.7						
1-3637-601- 5230	D 30.00	0.30	1.1	1.10	1.15	1.18	1.20	1.28	1.35	0.41	0.59	0.87	1.09	1.64	2.14	3.60	76.2						
1-3637-601- 5231	D 31.00	0.31	1.2	1.10	1.15	1.18	1.20	1.28	1.35	0.42	0.60	0.89	1.12	1.69	2.20	3.71	78.7						
1-3637-601- 5232	D 32.00	0.32	1.2	1.10	1.15	1.18	1.20	1.28	1.35	0.43	0.62	0.91	1.15	1.74	2.26	3.83	81.3						
1-3637-601- 5233	D 33.00	0.33	1.2	1.10	1.15	1.18	1.20	1.28	1.35	0.44	0.63	0.94	1.18	1.78	2.32	3.95	83.8						
1-3637-601- 5234	D 34.00	0.34	1.3	1.10	1.15	1.18	1.20	1.28	1.35	0.45	0.65	0.96	1.21	1.83	2.38	4.07	86.4						
1-3637-601- 5235	D 35.00	0.35	1.3	1.10	1.15	1.18	1.20	1.28	1.35	0.46	0.67	0.98	1.24	1.88	2.45	4.19	88.9						
1-3637-601- 5236	D 36.00	0.36	1.3	1.10	1.15	1.18	1.20	1.28	1.35	0.48	0.68	1.01	1.27	1.92	2.51	4.31	91.4						
1-3637-601- 5237	D 37.00	0.37	1.4	1.12	1.17	1.02	1.23	1.30	1.38	0.49	0.70	1.03	1.30	1.97	2.57	4.43	94.0						
1-3637-601- 5238	D 38.00	0.38	1.4	1.12	1.17	1.02	1.23	1.30	1.38	0.50	0.71	1.06	1.33	2.02	2.63	4.55	96.5						
1-3637-601- 5239	D 39.00	0.39	1.4	1.12	1.17	1.02	1.23	1.30	1.38	0.51	0.73	1.08	1.36	2.06	2.69	4.67	99.1						
1-3637-601- 5240	D 40.00	0.40	1.5	1.12	1.17	1.02	1.23	1.30	1.38	0.52	0.75	1.10	1.39	2.11	2.75	4.79	102						
1-3637-601- 5241	D 41.00	0.41	1.5	1.12	1.17	1.02	1.23	1.30	1.38	0.53	0.76	1.13	1.42	2.16	2.81	4.91	104						
1-3637-601- 5242	D 42.00	0.42	1.5	1.12	1.17	1.02	1.23	1.30	1.38	0.54	0.78	1.15	1.45	2.20	2.87	5.03	107						
1-3637-601- 5243	D 43.00	0.43	1.6	1.12	1.17	1.02	1.23	1.30	1.38	0.55	0.79	1.17	1.48	2.25	2.93	5.15	109						
1-3637-601- 5244	D 44.00	0.44	1.6	1.12	1.17	1.02	1.23	1.30	1.38	0.56	0.81	1.20	1.51	2.30	2.99	5.27	112						
1-3637-601- 5245	D 45.00	0.45	1.6	1.12	1.17	1.02	1.23	1.30	1.38	0.57	0.83	1.22	1.54	2.34	3.05	5.39	114						
1-3637-601- 5246	D 46.00	0.46	1.7	1.12	1.17	1.02	1.23	1.30	1.38	0.58	0.84	1.25	1.57	2.39	3.12	5.51	117						
1-3637-601- 5247	D 47.00	0.47	1.7	1.12	1.17	1.02	1.23	1.30	1.38	0.59	0.86	1.27	1.60	2.44	3.18	5.63	119						
1-3637-601- 5248	D 48.00	0.48	1.7	1.12	1.17	1.02	1.23	1.30	1.38	0.61	0.87	1.29	1.63	2.48	3.24	5.75	122						
1-3637-601- 5260	D 60.00	0.60	2.1	1.12	1.17	1.02	1.23	1.30	1.38	0.74	1.07	1.58	2.00	3.05	3.97	7.19	152						
1-3637-601- 5262	D 62.00	0.62	2.2	1.12	1.17	1.02	1.23	1.30	1.38	0.76	1.10	1.63	2.06	3.14	4.09	7.43	157						
1-3637-601- 5270	D 70.00	0.70	2.4	1.12	1.17	1.02	1.23	1.30	1.38	0.84	1.23	1.82	2.30	3.51	4.58	8.39	178						
1-3637-601- 5272	D 72.00	0.72	2.5	1.12	1.17	1.02	1.23	1.30	1.38	0.87	1.26	1.87	2.36	3.61	4.70	8.63	183						
1-3637-601- 5280	D 80.00	0.80	2.7	1.12	1.17	1.02	1.23	1.30	1.38	0.95	1.38	2.06	2.61	3.98	5.19	9.59	203						
1-3637-601- 5282	D 82.00	0.82	2.8	1.12	1.17	1.02	1.23	1.30	1.38	0.97	1.42	2.10	2.67	4.07	5.31	9.83	208						
1-3637-601- 5290	D 90.00	0.90	3.1	1.12	1.17	1.02	1.23	1.30	1.38	1.06	1.54	2.30	2.91	4.45	5.80	10.8	229						
2-3637-601- 5209	D 108	1.1	3.6	1.12	1.17	1.02	1.23	1.30	1.38	1.26	1.83	2.72	3.46	5.29	6.89	12.9	274						
2-3637-601- 5210	D 120	1.2	4.0	1.15	1.20	1.23	1.25	1.33	1.40	1.39	2.02	3.01	3.82	5.85	7.62	14.4	305						
2-3637-601- 5219	D 228	2.3	7.5	1.15	1.20	1.23	1.25	1.33	1.40	2.56	3.75	5.58	7.10	10.9	14.2	27.3	579						
2-3637-601- 5220	D 240	2.4	7.9	1.15	1.20	1.23	1.25	1.33	1.40	2.69	3.94	5.87	7.47	11.5	14.9	28.8	610						

THESE ASSEMBLIES ARE ALSO AVAILABLE IN RoHS COMPLIANT VERSIONS. TO ORDER, REPLACE THE "1" PREFIX WITH A "Y" OR REPLACE THE "