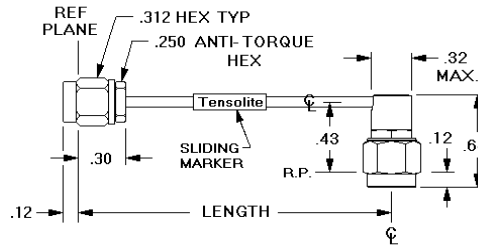


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 db MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT
ELECTRICAL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

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