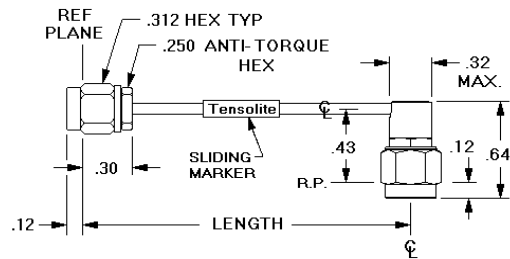


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	29.4 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100.0 db MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT
ELECTRICAL 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:	0.145 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
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
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	+ -	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	10.16
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	12.70
1-3637-601- 5206	D	6.00	0.05	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	15.24
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	17.78
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	20.32
1-3637-601- 5209		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	22.86
1-3637-601- 5210		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	25.40
1-3637-601- 5211		11.00	0.10	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	27.94
1-3637-601- 5212	D	12.00	0.10	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	30.48
1-3637-601- 5213		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	33.02
1-3637-601- 5214		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	35.56
1-3637-601- 5215		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	38.10
1-3637-601- 5216		16.00	0.15	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	40.64
1-3637-601- 5217		17.00	0.15	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	43.18
1-3637-601- 5218	D	18.00	0.15	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	45.72
1-3637-601- 5219		19.00	0.15	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	48.26
1-3637-601- 5220		20.00	0.15	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	50.80
1-3637-601- 5221		21.00	0.15	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	53.34
1-3637-601- 5222		22.00	0.15	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	55.88
1-3637-601- 5223		23.00	0.15	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	58.42
1-3637-601- 5224	D	24.00	0.15	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	60.96
1-3637-601- 5225		25.00	0.15	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	63.50
1-3637-601- 5226		26.00	0.15	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	66.04
1-3637-601- 5227		27.00	0.15	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	68.58
1-3637-601- 5228		28.00	0.15	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	71.12
1-3637-601- 5229		29.00	0.15	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	73.66
1-3637-601- 5230		30.00	0.15	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	76.20
1-3637-601- 5231		31.00	0.15	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	78.74
1-3637-601- 5232		32.00	0.15	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	81.28
1-3637-601- 5233		33.00	0.15	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	83.82
1-3637-601- 5234		34.00	0.15	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	86.36
1-3637-601- 5235		35.00	0.15	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	88.90
1-3637-601- 5236		36.00	0.15	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	91.44
1-3637-601- 5237		37.00	0.20	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	93.98
1-3637-601- 5238		38.00	0.20	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	96.52
1-3637-601- 5239		39.00	0.20	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	99.06
1-3637-601- 5240		40.00	0.20	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	101.60
1-3637-601- 5241		41.00	0.20	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	104.14
1-3637-601- 5242		42.00	0.20	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	106.68
1-3637-601- 5243		43.00	0.20	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	109.22
1-3637-601- 5244		44.00	0.20	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	111.76
1-3637-601- 5245		45.00	0.20	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	114.30
1-3637-601- 5246		46.00	0.20	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	116.84
1-3637-601- 5247		47.00	0.20	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	119.38
1-3637-601- 5248		48.00	0.25	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	121.92
1-3637-601- 5260		60.00	0.30	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	152.40
1-3637-601- 5262		62.00	0.30	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	157.48
1-3637-601- 5270		70.00	0.30	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	177.80
1-3637-601- 5280		80.00	0.50	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	203.20
1-3637-601- 5282		82.00	0.50	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	208.28
1-3637-601- 5290		90.00	0.50	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	10.79	228.60
2-3637-601- 5210		120.00	1.00	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	14.38	304.80
2-3637-601- 5219		228.00	1.00	7.5	1.15	1.20	1.23	1.25	1.33	1.40	2.56	3.75	5.58	7.10	10.90	14.20	27.32	579.12

D = DISTRIBUTOR ITEM MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM PLUS MEASURING SYSTEM UNCERTAINTY.
 NOTE: ALL SPECIFICATIONS APPLY AT 73 DEG. F, SEA LEVEL AND 20 TO 80% RELATIVE HUMIDITY.
 PRODUCT SPECIFICATIONS APPLY AT 5 TO 99% (NON CONDENSING) RELATIVE HUMIDITY, CONSULT FACTORY FOR PRODUCT CHARACTERISTICS AT OTHER CONDITIONS.
 SEMI-FLEX IS