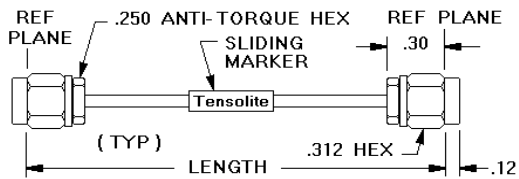


ELECTRICAL SPECIFICATIONS					
IMPEDANCE, NOMINAL:	50 OHMS				
CAPACITANCE NOMINAL:	28.7 pF/FOOT				
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %				
RELATIVE SHIELDING:	-100 dB MIN.				
INSULATION RESISTANCE:	1000 MEGOHMS MIN.				
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.				
ELECTRICAL DELAY NOMINAL:	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
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:	0.141 INCHES
MIN. BEND RADIUS:	0.19 INCHES
PREFERRED BEND RADIUS:	0.50 INCHES
CONNECTOR RETENTION:	50 POUNDS MIN.
TEMPERATURE RANGE:	-50 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	MIL-STD-348



MATERIALS AND FINISHES	
DESCRIPTION	MATERIAL FINISH OR COLOR
CABLE JACKET:	HIGH STRENGTH WIRE BRAID TIN FILLED
MARKER:	MIL-I-23053/5 GRAY
RHMS MARKER:	MIL-I-23053/5 GREEN
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 NONE
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED

ITEM INFORMATION		MECHANICAL CHARACTERISTICS				S11 AND S22 CHARACTERISTICS										S12 AND S21 CHARACTERISTICS										NOM DELAY nS	LENGTH CM
PART NUMBER		LENGTH INCHES	+/- TOLERANCE	WEIGHT OUNCES		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										
1-3636-601-5202	D	2.00	0.05	0.2		1.06	1.10	1.14	1.17	1.20	1.30	0.08	0.10	0.15	0.17	0.25	0.33	0.24	0.24	0.24	0.24	0.24	0.24	0.24	5.08		
1-3636-601-5203	D	3.00	0.05	0.3		1.06	1.10	1.14	1.17	1.20	1.30	0.09	0.12	0.17	0.20	0.29	0.39	0.36	0.36	0.36	0.36	0.36	0.36	0.36	7.62		
1-3636-601-5204	D	4.00	0.05	0.3		1.06	1.10	1.14	1.17	1.20	1.30	0.10	0.14	0.20	0.23	0.34	0.45	0.48	0.48	0.48	0.48	0.48	0.48	0.48	10.2		
1-3636-601-5205	D	5.00	0.10	0.3		1.06	1.10	1.14	1.17	1.20	1.30	0.11	0.15	0.22	0.27	0.39	0.51	0.60	0.60	0.60	0.60	0.60	0.60	0.60	12.7		
1-3636-601-5206	D	6.00	0.10	0.4		1.06	1.10	1.14	1.17	1.20	1.30	0.13	0.17	0.24	0.30	0.43	0.57	0.72	0.72	0.72	0.72	0.72	0.72	0.72	15.2		
1-3636-601-5207		7.00	0.10	0.4		1.06	1.10	1.14	1.17	1.20	1.30	0.14	0.18	0.27	0.33	0.48	0.63	0.84	0.84	0.84	0.84	0.84	0.84	0.84	17.8		
1-3636-601-5208	D	8.00	0.10	0.4		1.06	1.10	1.14	1.17	1.20	1.30	0.15	0.20	0.29	0.36	0.53	0.69	0.96	0.96	0.96	0.96	0.96	0.96	0.96	20.3		
1-3636-601-5209		9.00	0.10	0.5		1.06	1.10	1.14	1.17	1.20	1.30	0.16	0.22	0.31	0.39	0.57	0.75	1.08	1.08	1.08	1.08	1.08	1.08	1.08	22.9		
1-3636-601-5210		10.00	0.10	0.5		1.06	1.10	1.14	1.17	1.20	1.30	0.17	0.23	0.34	0.42	0.62	0.82	1.20	1.20	1.20	1.20	1.20	1.20	1.20	25.4		
1-3636-601-5211		11.00	0.15	0.5		1.06	1.10	1.14	1.17	1.20	1.30	0.18	0.25	0.36	0.45	0.67	0.88	1.32	1.32	1.32	1.32	1.32	1.32	1.32	27.9		
1-3636-601-5212	D	12.00	0.15	0.6		1.06	1.10	1.14	1.17	1.20	1.30	0.19	0.26	0.39	0.48	0.71	0.94	1.44	1.44	1.44	1.44	1.44	1.44	1.44	30.5		
1-3636-601-5213		13.00	0.15	0.6		1.06	1.10	1.14	1.17	1.20	1.30	0.20	0.28	0.41	0.51	0.76	1.00	1.56	1.56	1.56	1.56	1.56	1.56	1.56	33.0		
1-3636-601-5214		14.00	0.15	0.6		1.06	1.10	1.14	1.17	1.20	1.30	0.21	0.30	0.43	0.54	0.81	1.06	1.68	1.68	1.68	1.68	1.68	1.68	1.68	35.6		
1-3636-601-5215		15.00	0.15	0.7		1.06	1.10	1.14	1.17	1.20	1.30	0.22	0.31	0.46	0.57	0.86	1.12	1.80	1.80	1.80	1.80	1.80	1.80	1.80	38.1		
1-3636-601-5216		16.00	0.15	0.7		1.06	1.10	1.14	1.17	1.20	1.30	0.23	0.33	0.48	0.60	0.90	1.18	1.92	1.92	1.92	1.92	1.92	1.92	1.92	40.6		
1-3636-601-5217		17.00	0.15	0.7		1.06	1.10	1.14	1.17	1.20	1.30	0.24	0.34	0.51	0.63	0.95	1.24	2.04	2.04	2.04	2.04	2.04	2.04	2.04	43.2		
1-3636-601-5218	D	18.00	0.15	0.8		1.06	1.10	1.14	1.17	1.20	1.30	0.26	0.36	0.53	0.66	1.00	1.30	2.16	2.16	2.16	2.16	2.16	2.16	2.16	45.7		
1-3636-601-5219		19.00	0.15	0.8		1.06	1.10	1.14	1.17	1.20	1.30	0.27	0.38	0.55	0.69	1.04	1.36	2.28	2.28	2.28	2.28	2.28	2.28	2.28	48.3		
1-3636-601-5220		20.00	0.20	0.8		1.06	1.10	1.14	1.17	1.20	1.30	0.28	0.39	0.58	0.72	1.09	1.42	2.40	2.40	2.40	2.40	2.40	2.40	2.40	51		
1-3636-601-5221		21.00	0.21	0.9		1.06	1.10	1.14	1.17	1.20	1.30	0.29	0.41	0.60	0.75	1.14	1.48	2.52	2.52	2.52	2.52	2.52	2.52	2.52	53		
1-3636-601-5222		22.00	0.22	0.9		1.06	1.10	1.14	1.17	1.20	1.30	0.30	0.42	0.62	0.78	1.18	1.54	2.64	2.64	2.64	2.64	2.64	2.64	2.64	56		
1-3636-601-5223		23.00	0.23	0.9		1.06	1.10	1.14	1.17	1.20	1.30	0.31	0.44	0.65	0.81	1.23	1.61	2.76	2.76	2.76	2.76	2.76	2.76	2.76	58		
1-3636-601-5224	D	24.00	0.24	0.9		1.06	1.10	1.14	1.17	1.20	1.30	0.32	0.46	0.67	0.84	1.28	1.67	2.88	2.88	2.88	2.88	2.88	2.88	2.88	61		
1-3636-601-5225		25.00	0.25	1.0		1.06	1.10	1.14	1.17	1.20	1.30	0.33	0.47	0.70	0.87	1.32	1.73	3.00	3.00	3.00	3.00	3.00	3.00	3.00	64		
1-3636-601-5226		26.00	0.26	1.0		1.06	1.10	1.14	1.17	1.20	1.30	0.34	0.49	0.72	0.90	1.37	1.79	3.12	3.12	3.12	3.12	3.12	3.12	3.12	66		
1-3636-601-5227		27.00	0.27	1.0		1.06	1.10	1.14	1.17	1.20	1.30	0.35	0.50	0.74	0.93	1.42	1.85	3.24	3.24	3.24	3.24	3.24	3.24	3.24	69		
1-3636-601-5228		28.00	0.28	1.1		1.06	1.10	1.14	1.17	1.20	1.30	0.36	0.52	0.77	0.96	1.46	1.91	3.36	3.36	3.36	3.36	3.36	3.36	3.36	71		
1-3636-601-5229		29.00	0.29	1.1		1.06	1.10	1.14	1.17	1.20	1.30	0.37	0.54	0.79	0.99	1.51	1.97	3.48	3.48	3.48	3.48	3.48	3.48	3.48	74		
1-3636-601-5230		30.00	0.30	1.1		1.06	1.10	1.14	1.17	1.20	1.30	0.38	0.56	0.82	1.02	1.56	2.03	3.60	3.60	3.60	3.60	3.60	3.60	3.60	76		
1-3636-601-5231		31.00	0.31	1.2		1.06	1.10	1.14	1.17	1.20	1.30	0.40	0.57	0.84	1.06	1.60	2.09	3.71	3.71	3.71	3.71	3.71	3.71	3.71	79		
1-3636-601-5232		32.00	0.32	1.2		1.06	1.10	1.14	1.17	1.20	1.30	0.41	0.58	0.86	1.09	1.65	2.15	3.83	3.83	3.83	3.83	3.83	3.83	3.83	81		
1-3636-601-5233		33.00	0.33	1.2		1.06	1.10	1.14	1.17	1.20	1.30	0.42	0.60	0.89	1.12	1.70	2.21	3.95	3.95	3.95	3.95	3.95	3.95	3.95	84		
1-3636-601-5234		34.00	0.34	1.3		1.06	1.10	1.14	1.17	1.20	1.30	0.43	0.62	0.91	1.15	1.74	2.27	4.07	4.07	4.07	4.07	4.07	4.07	4.07	86		
1-3636-601-5235		35.00	0.35	1.3		1.06	1.10	1.14	1.17	1.20	1.30	0.44	0.63	0.93	1.18	1.79	2.34	4.19	4.19	4.19	4.19	4.19	4.19	4.19	89		
1-3636-601-5236		36.00	0.36	1.3		1.06	1.10	1.14	1.17	1.20	1.30	0.45	0.65	0.96	1.21	1.84	2.40	4.31	4.31	4.31	4.31	4.31	4.31	4.31	91		
1-3636-601-5237		37.00	0.37	1.4		1.06	1.10	1.14	1.17	1.20	1.30	0.46	0.66	0.98	1.24	1.88	2.46	4.43	4.43	4.43	4.43	4.43	4.43	4.43	94		
1-3636-601-5238		38.00	0.38	1.4		1.06	1.10	1.14	1.17	1.20	1.30	0.47	0.68	1.01	1.27	1.93	2.52	4.55	4.55	4.55	4.55	4.55	4.55	4.55	97		
1-3636-601-5239		39.00	0.39	1.4		1.06	1.10	1.14	1.17	1.20	1.30	0.48	0.70	1.03	1.30	1.98	2.58	4.67	4.67	4.67	4.67	4.67	4.67	4.67	99		
1-3636-601-5240		40.00	0.40	1.5		1.06	1.10	1.14	1.17	1.20	1.30	0.49	0.71	1.05	1.33	2.02	2.64	4.79	4.79	4.79	4.79	4.79	4.79	4.79	102		
1-3636-601-5241		41.00	0.41	1.5		1.06	1.10	1.14	1.17	1.20	1.30	0.50	0.73	1.08	1.36	2.07	2.70	4.91	4.91	4.91	4.91	4.91	4.91	4.91	104		
1-3636-601-5242		42.00	0.42	1.5		1.06	1.10	1.14	1.17	1.20	1.30	0.52	0.74	1.10	1.39	2.12	2.76	5.03	5.03	5.03	5.03	5.03	5.03	5.03	107		
1-3636-601-5243		43.00	0.43	1.6		1.06	1.10	1.14	1.17	1.20	1.30	0.53	0.76	1.12	1.42	2.16	2.82	5.15	5.15	5.15	5.15	5.15	5.15	5.15	109		
1-3636-601-5244		44.00	0.44	1.6		1.06	1.10	1.14	1.17	1.20	1.30	0.54	0.77	1.15	1.45	2.21	2.88	5.27	5.27	5.27	5.27	5.27	5.27	5.27	112		
1-3636-601-5245		45.00	0.45	1.6		1.06	1.10	1.14	1.17	1.20	1.30	0.55	0.79	1.17	1.48	2.26	2.94	5.39	5.39	5.39	5.39	5.39	5.39	5.39	114		
1-3636-601-5246		46.00	0.46	1.7		1.06	1.10	1.14	1.17	1.20	1.30	0.56	0.81	1.20	1.51	2.30	3.00	5.51	5.51	5.51	5.51	5.51	5.51	5.51	117		
1-3636-601-5247		47.00	0.47	1.7		1.06	1.10	1.14	1.17	1.20	1.30	0.58	0.84	1.23	1.54	2.36	3.07	5.63	5.63	5.63	5.63	5.63	5.63	5.63	119		
1-3636-601-5248		48.00	0.48	1.7		1.06	1.10	1.14	1.17	1.20	1.30	0.58	0.84	1.24	1.57	2.40	3.13	5.75	5.75	5.75	5.75	5.75	5.75	5.75	122		
1-3636-601-5249		49.00	0.49	1.7		1.06	1.10	1.14	1.17	1.20	1.30	0.59	0.85	1.27	1.60	2.44	3.19	5.87	5.87	5.87	5.87	5.87	5.87	5.87	124		
1-3636-601-5250		50.00	0.50	1.8		1.06	1.10	1.14	1.17	1.20	1.30	0.60	0.87	1.29	1.63	2.49	3.25	5.99	5.99	5.99	5.99	5.99	5.99	5.99	127		
1-3636-601-5252		52.0	0.52	1.8		1.06	1.10	1.14	1.17	1.20	1.30	0.62	0.90	1.34	1.69	2.58	3.37	6.23	6.23	6.23	6.23	6.23	6.23	6.23	132		
1-3636-601-5254		54.0	0.54	1.9		1.06	1.10	1.14	1.17	1.20	1.30	0.65	0.93	1.39	1.75	2.68	3.4										