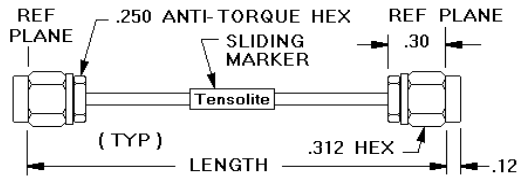


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE, NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 % (TYP)
RELATIVE SHIELDING:	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH
MAX. PULSE RF POWER:	1250 WATTS
(INFO 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
RdHS 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	+ 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	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	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	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	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	15.2											
1-3636-601-5207	D 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	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	20.3											
1-3636-601-5209	D 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	22.9											
1-3636-601-5210	D 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	25.4											
1-3636-601-5211	D 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	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	30.5											
1-3636-601-5213	D 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	33.0											
1-3636-601-5214	D 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	35.6											
1-3636-601-5215	D 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	38.1											
1-3636-601-5216	D 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	40.6											
1-3636-601-5217	D 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	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	45.7											
1-3636-601-5219	D 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	48.3											
1-3636-601-5220	D 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	51											
1-3636-601-5221	D 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	53											
1-3636-601-5222	D 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	56											
1-3636-601-5223	D 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	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	61											
1-3636-601-5225	D 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	64											
1-3636-601-5226	D 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	66											
1-3636-601-5227	D 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	69											
1-3636-601-5228	D 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	71											
1-3636-601-5229	D 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	74											
1-3636-601-5230	D 30.00 0.30 1.1	1.06	1.10	1.14	1.17	1.20	1.30	0.38	0.56	0.81	1.02	1.56	2.03	3.60	76											
1-3636-601-5231	D 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	79											
1-3636-601-5232	D 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	81											
1-3636-601-5233	D 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	84											
1-3636-601-5234	D 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	86											
1-3636-601-5235	D 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	89											
1-3636-601-5236	D 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	91											
1-3636-601-5237	D 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	94											
1-3636-601-5238	D 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	97											
1-3636-601-5239	D 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	99											
1-3636-601-5240	D 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	102											
1-3636-601-5241	D 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	104											
1-3636-601-5242	D 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	107											
1-3636-601-5243	D 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	109											
1-3636-601-5244	D 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	112											
1-3636-601-5245	D 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	114											
1-3636-601-5246	D 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	117											
1-3636-601-5247	D 47.00 0.47 1.7	1.06	1.10	1.14	1.17	1.20	1.30	0.57	0.82	1.22	1.54	2.35	3.07	5.63	119											
1-3636-601-5248	D 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	122											
1-3636-601-5249	D 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	124											
1-3636-601-5250	D 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	127											
1-3636-601-5252	D 52.00 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	132											
1-3636-601-5254	D 54.00 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	3.49	6.47	137											
1-3636-601-5256	D 56.00 0.56 2.0	1.06	1.10	1.14	1.17	1.20	1.30	0.67	0.97	1.43	1.81	2.77	3.61	6.71	142											
1-3636-601-5258	D 58.00 0.58 2.0	1.06	1.10	1.14	1.17	1.20	1.30	0.69	1.00	1.48	1.88	2.87	3.73	6.95	147											
1-3636-601-5260	D 60.00 0.60 2.1	1.06	1.10	1.14	1.17	1.20	1.30	0.71	1.03	1.53	1.94	2.96	3.86	7.19	152											
1-3636-601-5262	D 62.00 0.62 2.2	1.06	1.10	1.14	1.17	1.20	1.30	0.73	1.06	1.58	2.00	3.05	3.98	7.43	157											
1-3636-601-5264	D 64.00 0.64 2.2	1.06	1.10	1.14	1.17	1.20	1.30	0.75	1.09	1.63	2.06	3.15	4.10	7.67	163											
1-3636-601-5266	D 66.00 0.66 2.3	1.06	1.10	1.14	1.17	1.20	1.30	0.78	1.13	1.67	2.12	3.24	4.22	7.91	168											
1-3636-601-5268	D 68.00 0.68 2.4	1.06	1.10	1.14	1.17	1.20	1.30	0.80	1.16	1.72	2.18	3.33	4.34	8.15	173											
1-3636-601-5270	D 70.00 0.70 2.4	1.06	1.10	1.14	1.17	1.20	1.30	0.82	1.19	1.77	2.24	3.43	4.46	8.39	178											
1-3636-601-5272	D 72.00 0.72 2.5	1.06	1.10	1.14	1.17	1.20	1.30	0.84	1.22	1.82	2.30	3.52	4.59	8.63	183											
1-3636-601-5275	D 75.00 0.75 2.6	1.06	1.10	1.14	1.17	1.20	1.30	0.87	1.27	1.89	2.39	3.66	4.77	8.99	191											
1-3636-601-5278	D 78.00 0.78 2.7	1.06	1.10	1.14	1.17	1.20																				

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