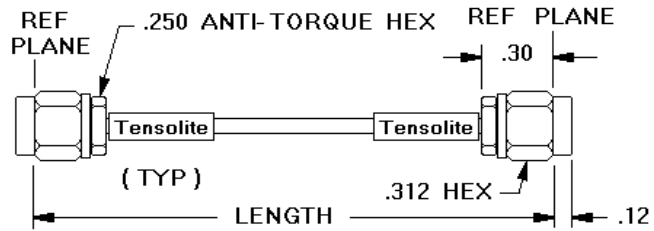


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	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 -->	17	12	7	5	3	2
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:	0.112 INCHES
MIN. BEND RADIUS:	0.15 INCHES
PREFERRED BEND RADIUS:	0.40 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-50 / +85 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 (SEE NOTE):	POLYURETHANE	GREY TINT
OUTER CONDUCTOR:	HIGH STRENGTH COPPER BRAID	TIN COATED
MARKER	MIL-I-23053/5	GRAY
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA CONTACTS:	ASTM B196 BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM D1457 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 GASKET	ZZ-R-765 SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

					PRODUCT MAXIMUM												PRODUCT MAXIMUM											
ITEM INFORMATION		MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS							S21 AND S12 CHARACTERISTICS																
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												
1-3636-620- 5202	D	2.0	0.05	0.2	1.05	1.08	1.13	1.15	1.18	1.28	0.07	0.10	0.14	0.18	0.26	0.32	0.24	5.08										
1-3636-620- 5203	D	3.0	0.05	0.2	1.05	1.08	1.13	1.15	1.18	1.28	0.09	0.13	0.18	0.23	0.33	0.42	0.36	7.62										
1-3636-620- 5204	D	4.0	0.05	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.11	0.15	0.22	0.28	0.41	0.52	0.48	10.16										
1-3636-620- 5205	D	5.0	0.05	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.13	0.18	0.26	0.33	0.48	0.61	0.60	12.70										
1-3636-620- 5206	D	6.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.14	0.21	0.30	0.38	0.56	0.71	0.72	15.24										
1-3636-620- 5207	D	7.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.16	0.24	0.34	0.43	0.64	0.81	0.84	17.78										
1-3636-620- 5208	D	8.0	0.10	0.3	1.05	1.08	1.13	1.15	1.18	1.28	0.18	0.26	0.38	0.48	0.71	0.91	0.96	20.32										
1-3636-620- 5209	D	9.0	0.10	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.20	0.29	0.42	0.53	0.79	1.00	1.08	22.86										
1-3636-620- 5210	D	10.0	0.10	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.22	0.32	0.46	0.58	0.87	1.10	1.20	25.40										
1-3636-620- 5211	D	11.0	0.10	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.24	0.35	0.51	0.63	0.94	1.20	1.32	27.94										
1-3636-620- 5212	D	12.0	0.15	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.26	0.37	0.55	0.68	1.02	1.29	1.44	30.48										
1-3636-620- 5213	D	13.0	0.15	0.4	1.05	1.08	1.13	1.15	1.18	1.28	0.28	0.40	0.59	0.73	1.09	1.39	1.56	33.02										
1-3636-620- 5214	D	14.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.30	0.43	0.63	0.79	1.17	1.49	1.68	35.56										
1-3636-620- 5215	D	15.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.32	0.46	0.67	0.84	1.25	1.59	1.80	38.10										
1-3636-620- 5216	D	16.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.33	0.48	0.71	0.89	1.32	1.68	1.92	40.64										
1-3636-620- 5217	D	17.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.35	0.51	0.75	0.94	1.40	1.78	2.04	43.18										
1-3636-620- 5218	D	18.0	0.15	0.5	1.05	1.08	1.13	1.15	1.18	1.28	0.37	0.54	0.79	0.99	1.47	1.88	2.16	45.72										
1-3636-620- 5219	D	19.0	0.15	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.39	0.57	0.83	1.04	1.55	1.97	2.28	48.26										
1-3636-620- 5220	D	20.0	0.15	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.41	0.59	0.87	1.09	1.63	2.07	2.40	50.80										
1-3636-620- 5221	D	21.0	0.15	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.43	0.62	0.91	1.14	1.70	2.17	2.52	53.34										
1-3636-620- 5222	D	22.0	0.15	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.45	0.65	0.95	1.19	1.78	2.27	2.64	55.88										
1-3636-620- 5223	D	23.0	0.15	0.6	1.05	1.08	1.13	1.15	1.18	1.28	0.47	0.68	0.99	1.24	1.86	2.36	2.76	58.42										
1-3636-620- 5224	D	24.0	0.15	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.49	0.71	1.03	1.29	1.93	2.46	2.88	60.96										
1-3636-620- 5225		25.0	0.15	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.51	0.73	1.07	1.35	2.01	2.56	3.00	63.50										
1-3636-620- 5226		26.0	0.15	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.53	0.76	1.11	1.40	2.08	2.65	3.12	66.04										
1-3636-620- 5227		27.0	0.15	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.54	0.79	1.15	1.45	2.16	2.75	3.24	68.58										
1-3636-620- 5228		28.0	0.15	0.7	1.05	1.08	1.13	1.15	1.18	1.28	0.56	0.82	1.19	1.50	2.24	2.85	3.36	71.12										
1-3636-620- 5229		29.0	0.15	0.8	1.05	1.08	1.13	1.15	1.18	1.28	0.58	0.84	1.23	1.55	2.31	2.95	3.48	73.66										
1-3636-620- 5230	D	30.0	0.15	0.8	1.05	1.08	1.13	1.15	1.18	1.28	0.60	0.87	1.27	1.60	2.39	3.04	3.60	76.20										
1-3636-620- 5231		31.0	0.15	0.8	1.05	1.08	1.13	1.15	1.18	1.28	0.62	0.90	1.31	1.65	2.46	3.14	3.71	78.74										
1-3636-620- 5232		32.0	0.15	0.8	1.05	1.08	1.13	1.15	1.18	1.28	0.64	0.93	1.35	1.70	2.54	3.24	3.83	81.28										
1-3636-620- 5233		33.0	0.15	0.8	1.05	1.08	1.13	1.15	1.18	1.28	0.66	0.95	1.40	1.75	2.62	3.34	3.95	83.82										
1-3636-620- 5234		34.0	0.15	0.9	1.05	1.08	1.13	1.15	1.18	1.28	0.68	0.98	1.44	1.80	2.69	3.43	4.07	86.36										
1-3636-620- 5235		35.0	0.15	0.9	1.05	1.08	1.13	1.15	1.18	1.28	0.70	1.01	1.48	1.85	2.77	3.53	4.19	88.90										
1-3636-620- 5236	D	36.0	0.15	0.9	1.05	1.08	1.13	1.15	1.18	1.28	0.72	1.04	1.52	1.91	2.85	3.63	4.31	91.44										
1-3636-620- 5237		37.0	0.15	0.9	1.05	1.08	1.13	1.15	1.18	1.28	0.73	1.06	1.56	1.96	2.92	3.72	4.43	93.98										
1-3636-620- 5238		38.0	0.15	0.9	1.05	1.08	1.13	1.15	1.18	1.28	0.75	1.09	1.60	2.01	3.00	3.82	4.55	96.52										
1-3636-620- 5239		39.0	0.15	1.0	1.05	1.08	1.13	1.15	1.18	1.28	0.77	1.12	1.64	2.06	3.07	3.92	4.67	99.06										
1-3636-620- 5240		40.0	0.15	1.0	1.05	1.08	1.13	1.15	1.18	1.28	0.79	1.15	1.68	2.11	3.15	4.02	4.79	101.60										
1-3636-620- 5241		41.0	0.15	1.0	1.05	1.08	1.13	1.15	1.18	1.28	0.81	1.18	1.72	2.16	3.23	4.11	4.91	104.14										
1-3636-620- 5242		42.0	0.15	1.0	1.05	1.08	1.13	1.15	1.18	1.28	0.83	1.20	1.76	2.21	3.30	4.21	5.03	106.68										
1-3636-620- 5245		45.0	0.15	1.1	1.05	1.08	1.13	1.15	1.18	1.28	0.89	1.29	1.88	2.36	3.53	4.50	5.39	114.30										
1-3636-620- 5246		46.0	0.15	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.91	1.31	1.92	2.41	3.61	4.60	5.51	116.84										
1-3636-620- 5248	D	48.0	0.20	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.94	1.37	2.00	2.52	3.76	4.79	5.75	121.92										
1-3636-620- 5254		54.0	0.20	1.3	1.10	1.15	1.20	1.25	1.30	1.35	1.06	1.53	2.25	2.82	4.22	5.38	6.47	137.16										
1-3636-620- 5260		60.0	0.25	1.4	1.10	1.15	1.20	1.25	1.30	1.35	1.17	1.70	2.49	3.13	4.67	5.96	7.19	152.40										
1-3636-620- 5266		66.0	0.25	1.5	1.10	1.15	1.20	1.25	1.30	1.35	1.29	1.87	2.73	3.43	5.13	6.54	7.91	167.64										
1-3636-620- 5272		72.0	0.50	1.6	1.10	1.15	1.20	1.25	1.30	1.35	1.40	2.03	2.97	3.74	5.59	7.13	8.63	182.88										
1-3636-620- 5284		84.0	0.50	1.9	1.10	1.15	1.20	1.25	1.30	1.35	1.63	2.36	3.46	4.35	6.50	8.29	10.07	213.36										
1-3636-620- 5296		96.0	0.50	2.1	1.10	1.15	1.20	1.25	1.30	1.35	1.86	2.69	3.94	4.96	7.41	9.46	11.50	243.84										
1-3636-620- 5299		99.0	0.50	2.2	1.10	1.15	1.20	1.25	1.30	1.35	1.91	2.78	4.07	5.11	7.64	9.75	11.86	251.46										
2-3636-620- 5209		108.0	0.50	2.3	1.10	1.15	1.20	1.25	1.30	1.35	2.09	3.03	4.43	5.57	8.33	10.63	12.94	274.32										
2-3636-620- 5210		120.0	0.50	2.6	1.10	1.15	1.20	1.25	1.30	1.35	2.31	3.36	4.92	6.18	9.24	11.79	14.38	304.80										
2-3636-620- 5212		144.0	0.50	3.1	1.10	1.15	1.20	1.25	1.30	1.35	2.77	4.02	5.89	7.40	11.07	14.13	17.26	365.76										
2-3636-620- 5215		180.0	0.50	3.8	1.10	1.15	1.20	1.25	1.30	1.35	3.46	5.01	7.34	9.23	13.81	17.63	21.57	457.20										