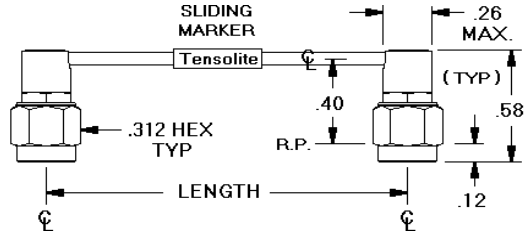


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	29.4 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100.0 db MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT
ELECTRICAL 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 -->	79 54 37 30 20 15
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:	0.090 INCHES
MIN. BEND RADIUS:	0.13 INCHES
PREFERRED BEND RADIUS:	0.38 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-65 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
SMA CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.1



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	+ - 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						
1-3737-600-3202	D	2.00	0.05	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.12	0.16	0.22	0.26	0.38	0.49	0.24	5.08				
1-3737-600-3203	D	3.00	0.05	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.14	0.18	0.26	0.32	0.45	0.58	0.36	7.62				
1-3737-600-3204	D	4.00	0.05	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.16	0.21	0.30	0.37	0.53	0.68	0.40	10.16				
1-3737-600-3205	D	5.00	0.05	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.18	0.24	0.34	0.42	0.60	0.78	0.60	12.70				
1-3737-600-3206	D	6.00	0.05	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.27	0.38	0.47	0.68	0.88	0.72	15.24				
1-3737-600-3207		7.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.21	0.29	0.42	0.52	0.76	0.97	0.84	17.78				
1-3737-600-3208	D	8.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.32	0.46	0.57	0.83	1.07	0.96	20.32				
1-3737-600-3209		9.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.25	0.35	0.50	0.62	0.91	1.17	1.08	22.86				
1-3737-600-3210		10.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.27	0.38	0.54	0.67	0.98	1.27	1.20	25.40				
1-3737-600-3211		11.00	0.10	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.40	0.59	0.72	1.06	1.36	1.32	27.94				
1-3737-600-3212	D	12.00	0.10	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.31	0.43	0.63	0.77	1.14	1.46	1.44	30.48				
1-3737-600-3213		13.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.33	0.46	0.67	0.82	1.21	1.56	1.56	33.02				
1-3737-600-3214		14.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.49	0.71	0.87	1.29	1.66	1.68	35.56				
1-3737-600-3215		15.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.37	0.52	0.75	0.93	1.37	1.75	1.80	38.10				
1-3737-600-3216		16.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.38	0.54	0.79	0.98	1.44	1.85	1.92	40.64				
1-3737-600-3217		17.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.40	0.57	0.83	1.03	1.52	1.95	2.04	43.18				
1-3737-600-3218	D	18.00	0.15	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.60	0.87	1.08	1.59	2.04	2.16	45.72				
1-3737-600-3219		19.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.44	0.63	0.91	1.13	1.67	2.14	2.28	48.26				
1-3737-600-3220		20.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.46	0.65	0.95	1.18	1.75	2.24	2.40	50.80				
1-3737-600-3221		21.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.48	0.68	0.99	1.23	1.82	2.34	2.52	53.34				
1-3737-600-3222		22.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.50	0.71	1.03	1.28	1.90	2.43	2.64	55.88				
1-3737-600-3223		23.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.52	0.74	1.07	1.33	1.97	2.53	2.76	58.42				
1-3737-600-3224	D	24.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.54	0.76	1.11	1.38	2.05	2.63	2.88	60.96				
1-3737-600-3225		25.00	0.15	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.56	0.79	1.15	1.43	2.13	2.73	3.00	63.50				
1-3737-600-3226		26.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.58	0.82	1.19	1.49	2.20	2.82	3.12	66.04				
1-3737-600-3227		27.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.59	0.85	1.23	1.54	2.28	2.92	3.24	68.58				
1-3737-600-3228		28.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.61	0.87	1.27	1.59	2.36	3.02	3.36	71.12				
1-3737-600-3229		29.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.63	0.90	1.31	1.64	2.43	3.12	3.48	73.66				
1-3737-600-3230		30.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.65	0.93	1.35	1.69	2.51	3.21	3.60	76.20				
1-3737-600-3231		31.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.67	0.96	1.39	1.74	2.58	3.31	3.71	78.74				
1-3737-600-3232		32.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.69	0.98	1.43	1.79	2.66	3.41	3.83	81.28				
1-3737-600-3233		33.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.71	1.01	1.48	1.84	2.74	3.51	3.95	83.82				
1-3737-600-3234		34.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.73	1.04	1.52	1.89	2.81	3.60	4.07	86.36				
1-3737-600-3235		35.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.75	1.07	1.56	1.94	2.89	3.70	4.19	88.90				
1-3737-600-3236		36.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.77	1.10	1.60	1.99	2.96	3.80	4.31	91.44				
1-3737-600-3237		37.00	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.78	1.12	1.64	2.04	3.04	3.89	4.43	93.98				
1-3737-600-3238		38.00	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.80	1.15	1.68	2.10	3.12	3.99	4.55	96.52				
1-3737-600-3239		39.00	0.20	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.82	1.18	1.72	2.15	3.19	4.09	4.67	99.06				
1-3737-600-3240		40.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.84	1.21	1.76	2.20	3.27	4.19	4.79	101.60				
1-3737-600-3241		41.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.86	1.23	1.80	2.25	3.35	4.28	4.91	104.14				
1-3737-600-3242		42.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.88	1.26	1.84	2.30	3.42	4.38	5.03	106.68				
1-3737-600-3243		43.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.90	1.29	1.88	2.35	3.50	4.48	5.15	109.22				
1-3737-600-3244		44.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.92	1.32	1.92	2.40	3.57	4.58	5.27	111.76				
1-3737-600-3245		45.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.94	1.34	1.96	2.45	3.65	4.67	5.39	114.30				
1-3737-600-3246		46.00	0.20	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.96	1.37	2.00	2.50	3.73	4.77	5.51	116.84				
1-3737-600-3247		47.00	0.20	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.97	1.40	2.04	2.55	3.80	4.87	5.63	119.38				
1-3737-600-3248		48.00	0.20	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.99	1.43	2.08	2.60	3.88	4.97	5.75	121.92				
1-3737-600-3260		60.00	0.50	1.2	1.10	1.15	1.20	1.25	1.30	1.35	1.22	1.76	2.57	3.22	4.79	6.13	7.19	152.40				
1-3737-600-3266		66.00	0.50	1.2	1.10	1.15	1.20	1.25	1.30	1.35	1.34	1.92	2.81	3.52	5.25	6.72	7.91	167.64				
1-3737-600-3272		72.00	0.50	1.3	1.10	1.15	1.20	1.25	1.30	1.35	1.45	2.09	3.05	3.83	5.71	7.30	8.63	182.88				
1-3737-600-3278		78.00	0.50	1.4	1.10	1.15	1.20	1.25	1.30	1.35	1.57	2.26	3.30	4.13	6.16	7.89	9.35	198.12				
1-3737-600-3284		84.00	0.75	1.5	1.10	1.15	1.20	1.25	1.30	1.35	1.68	2.42	3.54	4.44	6.62	8.47	10.07	213.36				
1-3737-600-3296		96.00	1.00	1.7	1.10	1.15	1.20	1.25	1.30	1.35	1.91	2.75	4.02	5.05	7.53	9.64	11.50	243.84				
2-3737-600-3210		120.00	1.20	2.0	1.10	1.15	1.20	1.25	1.30	1.35	2.36	3.42	5.00	6.27	9.36	11.98	14.38	304.80				
2-3737-600-3215		180.00	1.80	2.9	1.10	1.15	1.20	1.25	1.30	1.35	3.51	5.07	7.42	9.32	13.93	17.82	21.57	457.20				
2-3737-600-3220		240.00	2.40	3.8	1.10	1.15	1.20	1.25	1.30	1.35	4.65	6.73	9.85	12.37								

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