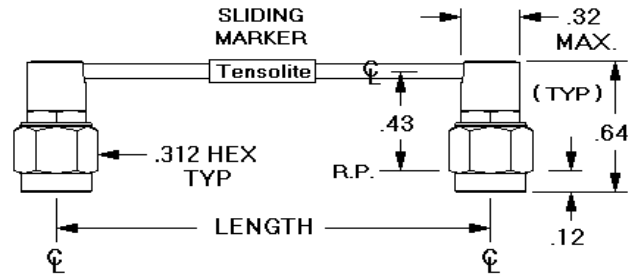


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 db MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY 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
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	+ - 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		
1-3737-601- 3202	D	2.00	0.05	0.3	1.10	1.15	1.20	1.25	1.30	1.35	0.10	0.13	0.19	0.22	0.32	0.41	0.24	5.08
1-3737-601- 3203	D	3.00	0.05	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.11	0.15	0.21	0.25	0.36	0.48	0.36	7.62
1-3737-601- 3204	D	4.00	0.05	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.12	0.16	0.24	0.28	0.41	0.54	0.48	10.16
1-3737-601- 3205	D	5.00	0.05	0.4	1.10	1.15	1.20	1.25	1.30	1.35	0.13	0.18	0.26	0.31	0.46	0.60	0.60	12.70
1-3737-601- 3206	D	6.00	0.05	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.15	0.20	0.28	0.34	0.50	0.66	0.72	15.24
1-3737-601- 3207		7.00	0.10	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.16	0.21	0.31	0.38	0.55	0.72	0.84	17.78
1-3737-601- 3208	D	8.00	0.10	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.17	0.23	0.33	0.41	0.60	0.78	0.96	20.32
1-3737-601- 3209		9.00	0.10	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.18	0.24	0.35	0.44	0.64	0.84	1.08	22.86
1-3737-601- 3210		10.00	0.10	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.26	0.38	0.47	0.69	0.90	1.20	25.40
1-3737-601- 3211		11.00	0.10	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.20	0.28	0.40	0.50	0.74	0.96	1.32	27.94
1-3737-601- 3212	D	12.00	0.10	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.21	0.29	0.43	0.53	0.78	1.02	1.44	30.48
1-3737-601- 3213		13.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.22	0.31	0.45	0.56	0.83	1.08	1.56	33.02
1-3737-601- 3214		14.00	0.15	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.32	0.47	0.59	0.88	1.15	1.68	35.56
1-3737-601- 3215		15.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.24	0.34	0.50	0.62	0.92	1.21	1.80	38.10
1-3737-601- 3216		16.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.25	0.36	0.52	0.65	0.97	1.27	1.92	40.64
1-3737-601- 3217		17.00	0.15	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.26	0.37	0.55	0.68	1.02	1.33	2.04	43.18
1-3737-601- 3218	D	18.00	0.15	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.28	0.39	0.57	0.71	1.06	1.39	2.16	45.72
1-3737-601- 3219		19.00	0.15	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.40	0.59	0.74	1.11	1.45	2.28	48.26
1-3737-601- 3220		20.00	0.15	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.30	0.42	0.62	0.77	1.16	1.51	2.40	50.80
1-3737-601- 3221		21.00	0.15	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.31	0.44	0.64	0.80	1.20	1.57	2.52	53.34
1-3737-601- 3222		22.00	0.15	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.32	0.45	0.66	0.83	1.25	1.63	2.64	55.88
1-3737-601- 3223		23.00	0.15	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.33	0.47	0.69	0.86	1.30	1.69	2.76	58.42
1-3737-601- 3224	D	24.00	0.15	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.34	0.48	0.71	0.89	1.35	1.75	2.88	60.96
1-3737-601- 3225		25.00	0.15	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.50	0.74	0.92	1.39	1.82	3.00	63.50
1-3737-601- 3226		26.00	0.15	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.36	0.52	0.76	0.95	1.44	1.88	3.12	66.04
1-3737-601- 3227		27.00	0.15	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.37	0.53	0.78	0.98	1.49	1.94	3.24	68.58
1-3737-601- 3228		28.00	0.15	1.2	1.10	1.15	1.20	1.25	1.30	1.35	0.38	0.55	0.81	1.01	1.53	2.00	3.36	71.12
1-3737-601- 3229		29.00	0.15	1.2	1.10	1.15	1.20	1.25	1.30	1.35	0.39	0.56	0.83	1.04	1.58	2.06	3.48	73.66
1-3737-601- 3230		30.00	0.15	1.2	1.10	1.15	1.20	1.25	1.30	1.35	0.41	0.58	0.86	1.07	1.63	2.12	3.60	76.20
1-3737-601- 3231		31.00	0.15	1.3	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.60	0.88	1.10	1.67	2.18	3.71	78.74
1-3737-601- 3232		32.00	0.15	1.3	1.10	1.15	1.20	1.25	1.30	1.35	0.43	0.61	0.90	1.13	1.72	2.24	3.83	81.28
1-3737-601- 3233		33.00	0.15	1.3	1.10	1.15	1.20	1.25	1.30	1.35	0.44	0.63	0.93	1.16	1.77	2.30	3.95	83.82
1-3737-601- 3234		34.00	0.15	1.4	1.10	1.15	1.20	1.25	1.30	1.35	0.45	0.64	0.95	1.20	1.81	2.36	4.07	86.36
1-3737-601- 3235		35.00	0.15	1.4	1.10	1.15	1.20	1.25	1.30	1.35	0.46	0.66	0.97	1.23	1.86	2.42	4.19	88.90
1-3737-601- 3236		36.00	0.15	1.4	1.10	1.15	1.20	1.25	1.30	1.35	0.47	0.68	1.00	1.26	1.91	2.48	4.31	91.44
1-3737-601- 3237		37.00	0.20	1.5	1.15	1.20	1.25	1.30	1.35	1.40	0.48	0.69	1.02	1.29	1.95	2.55	4.43	93.98
1-3737-601- 3238		38.00	0.20	1.5	1.15	1.20	1.25	1.30	1.35	1.40	0.49	0.71	1.05	1.32	2.00	2.61	4.55	96.52
1-3737-601- 3239		39.00	0.20	1.5	1.15	1.20	1.25	1.30	1.35	1.40	0.50	0.72	1.07	1.35	2.05	2.67	4.67	99.06
1-3737-601- 3240		40.00	0.20	1.6	1.15	1.20	1.25	1.30	1.35	1.40	0.51	0.74	1.09	1.38	2.09	2.73	4.79	101.60
1-3737-601- 3241		41.00	0.20	1.6	1.15	1.20	1.25	1.30	1.35	1.40	0.52	0.76	1.12	1.41	2.14	2.79	4.91	104.14
1-3737-601- 3242		42.00	0.20	1.6	1.15	1.20	1.25	1.30	1.35	1.40	0.54	0.77	1.14	1.44	2.19	2.85	5.03	106.68
1-3737-601- 3243		43.00	0.20	1.7	1.15	1.20	1.25	1.30	1.35	1.40	0.55	0.79	1.16	1.47	2.23	2.91	5.15	109.22
1-3737-601- 3244		44.00	0.20	1.7	1.15	1.20	1.25	1.30	1.35	1.40	0.56	0.80	1.19	1.50	2.28	2.97	5.27	111.76
1-3737-601- 3245		45.00	0.20	1.7	1.15	1.20	1.25	1.30	1.35	1.40	0.57	0.82	1.21	1.53	2.33	3.03	5.39	114.30
1-3737-601- 3246		46.00	0.20	1.8	1.15	1.20	1.25	1.30	1.35	1.40	0.58	0.84	1.24	1.56	2.37	3.09	5.51	116.84
1-3737-601- 3247		47.00	0.20	1.8	1.15	1.20	1.25	1.30	1.35	1.40	0.59	0.85	1.26	1.59	2.42	3.15	5.63	119.38
1-3737-601- 3248		48.00	0.20	1.8	1.15	1.20	1.25	1.30	1.35	1.40	0.60	0.87	1.28	1.62	2.47	3.22	5.75	121.92

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