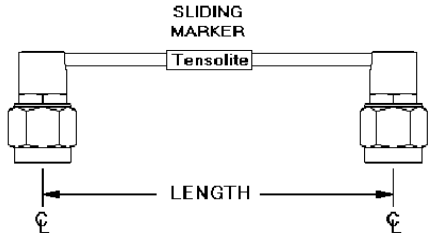
ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:				50	OHMS	
CAPACITANCE NOMINAL:				28.7	pf/FOOT	
VELOCITY OF PROPAGATION, NOMINAL:				70.7	%	
RELATIVE SHIELDING:				-100	db MIN.	
INSULATION RESISTANCE:				1000	MEGOHMS MIN.	
DIELECTRIC WITHSTANDING VOLTAGE:				1000	VRMS MIN.	
ELECTRICAL DELAY NOMINAL:				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

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 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.3	



NOTE: NO MARKERS REQUIRED ON CABLES LESS THAN 6 INCHES.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	HIGH STRENGTH WIRE BRAID	TIN FILLED
MARKER:	MIL-I-23053/5	GRAY / BLACK
RoHS MARKER:	MIL-I-23053/5	GREEN
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		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		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		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	10.2
1-3737-601- 3205		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	12.7
1-3737-601- 3206		6.00	0.10	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	15.2
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	17.8
1-3737-601- 3208		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	20.3
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	22.9
1-3737-601- 3210		10.0	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	25.4
1-3737-601- 3211		11.0	0.15	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	27.9
1-3737-601- 3212		12.0	0.15	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	30.5
1-3737-601- 3213		13.0	1.15	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	33.0
1-3737-601- 3214		14.0	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	35.6
1-3737-601- 3215		15.0	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	38.1
1-3737-601- 3216		16.0	0.20	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	40.6
1-3737-601- 3217		17.0	0.20	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	43.2
1-3737-601- 3218		18.0	0.20	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	45.7
1-3737-601- 3220		20.0	0.20	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	50.8
1-3737-601- 3221		21.0	1.20	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	53.3
1-3737-601- 3224		24.0	0.24	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	61.0
1-3737-601- 3225		25.0	0.25	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	63.5
1-3737-601- 3226		26.0	0.26	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	66.0
1-3737-601- 3227		27.0	0.27	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	68.6
1-3737-601- 3228		28.0	0.28	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	71.1
1-3737-601- 3229		29.0	0.29	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	73.7
1-3737-601- 3232		32.0	0.32	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	81.3
1-3737-601- 3236		36.0	0.36	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	91.4
1-3737-601- 3240		40.0	0.40	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	102
1-3737-601- 3244		44.0	0.44	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	112
1-3737-601- 3248		48.0	0.48	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	122
1-3737-601- 3249		49.0	0.49	1.8	1.15	1.20	1.25	1.30	1.35	1.40	0.61	0.88	1.31	1.65	2.51	3.28	5.87	124
1-3737-601- 3252		52.0	0.52	1.9	1.15	1.20	1.25	1.30	1.35	1.40	0.64	0.93	1.38	1.74	2.65	3.46	6.23	132
1-3737-601- 3256		56.0	0.56	2.1	1.15	1.20	1.25	1.30	1.35	1.40	0.69	0.99	1.47	1.86	2.84	3.70	6.71	142
1-3737-601- 3260		60.0	0.60	2.2	1.15	1.20	1.25	1.30	1.35	1.40	0.73	1.06	1.57	1.99	3.03	3.95	7.19	152
1-3737-601- 3264		64.0	0.64	2.3	1.15	1.20	1.25	1.30	1.35	1.40	0.77	1.12	1.67	2.11	3.21	4.19	7.67	163
1-3737-601- 3268		68.0	0.68	2.5	1.20	1.25	1.30	1.35	1.40	1.45	0.82	1.19	1.76	2.23	3.40	4.43	8.15	173
1-3737-601- 3272		72.0	0.72	2.6	1.20	1.25	1.30	1.35	1.40	1.45	0.86	1.25	1.86	2.35	3.59	4.68	8.63	183
1-3737-601- 3276		76.0	0.76	2.7	1.20	1.25	1.30	1.35	1.40	1.45	0.90	1.31	1.95	2.47	3.78	4.92	9.11	193
1-3737-601- 3280		80.0	0.80	2.8	1.20	1.25	1.30	1.35	1.40	1.45	0.95	1.38	2.05	2.59	3.96	5.16	9.59	203
1-3737-601- 3284		84.0	0.84	3.0	1.20	1.25	1.30	1.35	1.40	1.45	0.99	1.44	2.14	2.71	4.15	5.41	10.1	213
1-3737-601- 3288		88.0	0.88	3.1	1.20	1.25	1.30	1.35	1.40	1.45	1.03	1.51	2.24	2.84	4.34	5.65	10.5	224
1-3737-601- 3292		92.0	0.92	3.2	1.20	1.25	1.30	1.35	1.40	1.45	1.08	1.57	2.33	2.96	4.52	5.90	11.0	234
1-3737-601- 3296		96.0	0.96	3.4	1.20	1.25	1.30	1.35	1.40	1.45	1.12	1.63	2.43	3.08	4.71	6.14	11.5	244
2-3737-601- 3210		120	1.2	4.1	1.20	1.25	1.30	1.35	1.40	1.45	1.38	2.02	3.00	3.81	5.83	7.60	14.4	305
2-3737-601- 3215		180	1.8	6.0	1.20	1.25	1.30	1.35	1.40	1.45	2.03	2.97	4.43	5.63	8.64	11.3	21.6	457
2-3737-601- 3220		240	2.4	8.0	1.20	1.25	1.30	1.35	1.40	1.45	2.68	3.93	5.86	7.45	11.4	14.9	28.8	610
2-3737-601- 3225		300	3.0	9.9	1.20	1.25	1.30	1.35	1.40	1.45	3.33	4.89	7.29	9.28	14.3	18.6	36.0	762

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