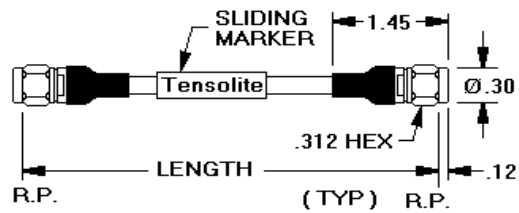


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	29.4 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	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 ---->	208 144 98 78 52 40



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.168 INCHES
MIN. BEND RADIUS:	0.84 INCHES
PREFERRED BEND RADIUS:	1.68 INCHES
CONNECTOR RETENTION:	60 POUNDS MIN.
TEMPERATURE RANGE:	-65 to +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-34 SMA

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA BODY:	ASTM-A-582, 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
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	
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE

ITEM INFORMATION	MECHANICAL CHARACTERISTICS	S11 AND S22 CHARACTERISTICS						S21 AND S12 CHARACTERISTICS						LENGTH CM					
		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	
						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
1-3636-463- 5205	D	5.0	0.3	0.5	1.06	1.11	1.14	1.17	1.20	1.28	0.10	0.15	0.21	0.27	0.39	0.50	0.60	12.7	
1-3636-463- 5206	D	6.0	0.3	0.6	1.06	1.11	1.14	1.17	1.20	1.28	0.11	0.16	0.24	0.30	0.44	0.55	0.72	15.2	
1-3636-463- 5207		7.0	0.3	0.6	1.06	1.11	1.14	1.17	1.20	1.28	0.12	0.18	0.26	0.32	0.48	0.61	0.84	17.8	
1-3636-463- 5208	D	8.0	0.3	0.7	1.06	1.11	1.14	1.17	1.20	1.28	0.13	0.19	0.28	0.35	0.52	0.67	0.96	20.3	
1-3636-463- 5209		9.0	0.3	0.7	1.06	1.11	1.14	1.17	1.20	1.28	0.14	0.21	0.30	0.38	0.57	0.72	1.08	22.9	
1-3636-463- 5210		10.0	0.3	0.8	1.06	1.11	1.14	1.17	1.20	1.28	0.15	0.22	0.33	0.41	0.61	0.78	1.20	25.4	
1-3636-463- 5211		11.0	0.3	0.8	1.06	1.11	1.14	1.17	1.20	1.28	0.16	0.24	0.35	0.44	0.66	0.84	1.32	27.9	
1-3636-463- 5212	D	12.0	0.3	0.9	1.06	1.11	1.14	1.17	1.20	1.28	0.18	0.25	0.37	0.47	0.70	0.90	1.44	30.5	
1-3636-463- 5213		13.0	0.3	1.0	1.06	1.11	1.14	1.17	1.20	1.28	0.19	0.27	0.39	0.50	0.74	0.95	1.56	33.0	
1-3636-463- 5214		14.0	0.3	1.0	1.06	1.11	1.14	1.17	1.20	1.28	0.20	0.28	0.42	0.53	0.79	1.01	1.68	35.6	
1-3636-463- 5215		15.0	0.3	1.1	1.06	1.11	1.14	1.17	1.20	1.28	0.21	0.30	0.44	0.55	0.83	1.07	1.80	38.1	
1-3636-463- 5216		16.0	0.3	1.1	1.06	1.11	1.14	1.17	1.20	1.28	0.22	0.32	0.46	0.58	0.88	1.12	1.92	40.6	
1-3636-463- 5217		17.0	0.3	1.2	1.06	1.11	1.14	1.17	1.20	1.28	0.23	0.33	0.49	0.61	0.92	1.18	2.04	43.2	
1-3636-463- 5218	D	18.0	0.3	1.2	1.06	1.11	1.14	1.17	1.20	1.28	0.24	0.35	0.51	0.64	0.96	1.24	2.16	45.7	
1-3636-463- 5219		19.0	0.3	1.3	1.06	1.11	1.14	1.17	1.20	1.28	0.25	0.36	0.53	0.67	1.01	1.29	2.28	48.3	
1-3636-463- 5220		20.0	0.3	1.3	1.06	1.11	1.14	1.17	1.20	1.28	0.26	0.38	0.55	0.70	1.05	1.35	2.40	50.8	
1-3636-463- 5221		21.0	0.3	1.4	1.06	1.11	1.14	1.17	1.20	1.28	0.27	0.39	0.58	0.73	1.10	1.41	2.52	53.3	
1-3636-463- 5222		22.0	0.2	1.4	1.06	1.11	1.14	1.17	1.20	1.28	0.28	0.41	0.60	0.76	1.14	1.46	2.64	55.9	
1-3636-463- 5223		23.0	0.2	1.5	1.06	1.11	1.14	1.17	1.20	1.28	0.29	0.42	0.62	0.78	1.18	1.52	2.76	58.4	
1-3636-463- 5224	D	24.0	0.2	1.6	1.06	1.11	1.14	1.17	1.20	1.28	0.30	0.44	0.64	0.81	1.23	1.58	2.88	61.0	
1-3636-463- 5227		27.0	0.3	1.7	1.06	1.11	1.14	1.17	1.20	1.28	0.33	0.48	0.71	0.90	1.36	1.75	3.24	68.6	
1-3636-463- 5230		30.0	0.3	1.9	1.06	1.11	1.14	1.17	1.20	1.28	0.36	0.53	0.78	0.99	1.49	1.92	3.60	76.2	
1-3636-463- 5231		31.0	0.3	1.9	1.06	1.11	1.14	1.17	1.20	1.28	0.37	0.54	0.80	1.01	1.53	1.98	3.71	78.7	
1-3636-463- 5232		32.0	0.3	2.0	1.06	1.11	1.14	1.17	1.20	1.28	0.38	0.56	0.83	1.04	1.58	2.03	3.83	81.3	
1-3636-463- 5233		33.0	0.3	2.0	1.06	1.11	1.14	1.17	1.20	1.28	0.39	0.57	0.85	1.07	1.62	2.09	3.95	83.8	
1-3636-463- 5236		36.0	0.4	2.2	1.06	1.11	1.14	1.17	1.20	1.28	0.43	0.62	0.92	1.16	1.75	2.26	4.31	91.4	
1-3636-463- 5239		39.0	0.4	2.4	1.06	1.11	1.14	1.17	1.20	1.28	0.46	0.67	0.98	1.24	1.89	2.43	4.67	99.1	
1-3636-463- 5240		40.0	0.4	2.4	1.06	1.11	1.14	1.17	1.20	1.28	0.47	0.68	1.01	1.27	1.93	2.49	4.79	101.6	
1-3636-463- 5241		41.0	0.4	2.5	1.06	1.11	1.14	1.17	1.20	1.28	0.48	0.70	1.03	1.30	1.97	2.55	4.91	104.1	
1-3636-463- 5242		42.0	0.4	2.5	1.06	1.11	1.14	1.17	1.20	1.28	0.49	0.71	1.05	1.33	2.02	2.60	5.03	107	
1-3636-463- 5245		45.0	0.5	2.7	1.06	1.11	1.14	1.17	1.20	1.28	0.52	0.76	1.12	1.42	2.15	2.77	5.39	114	
1-3636-463- 5248		48.0	0.5	2.9	1.06	1.11	1.14	1.17	1.20	1.28	0.55	0.80	1.19	1.50	2.28	2.94	5.75	122	
1-3636-463- 5250		50.0	0.5	3.0	1.06	1.11	1.14	1.17	1.20	1.28	0.57	0.83	1.23	1.56	2.37	3.06	5.99	127	
1-3636-463- 5252		52.0	0.5	3.1	1.06	1.11	1.14	1.17	1.20	1.28	0.59	0.86	1.28	1.62	2.46	3.17	6.23	132	
1-3636-463- 5254		54.0	0.5	3.2	1.06	1.11	1.14	1.17	1.20	1.28	0.61	0.90	1.32	1.68	2.54	3.28	6.47	137	
1-3636-463- 5256		56.0	0.6	3.3	1.06	1.11	1.14	1.17	1.20	1.28	0.63	0.93	1.37	1.73	2.63	3.40	6.71	142	
1-3636-463- 5258		58.0	0.6	3.4	1.06	1.11	1.14	1.17	1.20	1.28	0.65	0.96	1.41	1.79	2.72	3.51	6.95	147	
1-3636-463- 5260		60.0	0.6	3.5	1.06	1.11	1.14	1.17	1.20	1.28	0.68	0.99	1.46	1.85	2.81	3.63	7.19	152	
1-3636-463- 5266		66.0	0.7	3.8	1.06	1.11	1.14	1.17	1.20	1.28	0.74	1.08	1.60	2.02	3.07	3.97	7.91	168	
1-3636-463- 5272		72.0	0.7	4.2	1.06	1.11	1.14	1.17	1.20	1.28	0.80	1.17	1.73	2.19	3.33	4.31	8.63	183	
1-3636-463- 5275		75.0	0.8	4.3	1.06	1.11	1.14	1.17	1.20	1.28	0.83	1.22	1.80	2.28	3.47	4.48	8.99	191	
1-3636-463- 5279		79.0	0.8	4.6	1.06	1.11	1.14	1.17	1.20	1.28	0.87	1.28	1.89	2.40	3.64	4.71	9.47	201	
1-3636-463- 5284		84.0	0.8	4.8	1.06	1.11	1.14	1.17	1.20	1.28	0.93	1.35	2.00	2.54	3.86	4.99	10.07	213	
1-3636-463- 5296		96.0	1.0	5.5	1.06	1.11	1.14	1.17	1.20	1.28	1.05	1.54	2.28	2.88	4.39	5.67	11.50	244	
1-3636-463- 5299		99.0	1.0	5.7	1.06	1.11	1.14	1.17	1.20	1.28	1.08	1.58	2.34	2.97	4.52	5.85	11.86	251	
2-3636-463- 5209		108.0	1.1	6.1	1.06	1.11	1.14	1.17	1.20	1.28	1.18	1.72	2.55	3.23	4.92	6.36	12.94	274	
2-3636-463- 5210		120.0	1.2	6.8	1.06	1.11	1.14	1.17	1.20	1.28	1.30	1.90	2.82	3.57	5.44	7.04	14.38	305	
2-3636-463- 5212		144.0	1.4	8.1	1.06	1.11	1.14	1.17	1.20	1.28	1.55	2.27	3.36	4.27	6.50	8.41	17.26	366	
2-3636-463- 5215		180.0	1.8	10.1	1.06	1.11	1.14	1.17	1.20	1.28	1.93	2.82	4.18	5.30	8.08	10.45	21.57	457	
2-3636-463- 5220		240.0	2.4	13.4	1.06	1.11	1.14	1.17	1.20	1.28	2.55	3.74	5.54	7.03	10.71	13.87	28.76	610	
2-3636-463- 5225		300.0	3.0	16.6	1.06	1.11	1.14	1.17	1.20	1.28	3.18	4.65	6.90	8.75	13.35	17.28	35.95	762	

D = DISTRIBUTION ITEM MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM

NOTE: PRODUCT VERIFICATION SPECIFICATION IS PRODUCT SPECIFICATION ABOVE PLUS MEASURING SYSTEM UNCERTAINTY AND TEST ADAPTER(S) BELOW

CONTRIBUTIONS ----->	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.08
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NOTE: PRODUCT SPECIFICATIONS ARE VERIFIED AT 73 DEG. F. SEA LEVEL AND 20 TO 80% RELATIVE HUMIDITY.

PRODUCT SPECIFICATIONS APPLY AT 5 TO 99% (NON CONDENSING) RELATIVE HUMIDITY. CONSULT FACTORY FOR PRODUCT CHARACTERISTICS AT OTHER CONDITIONS.

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