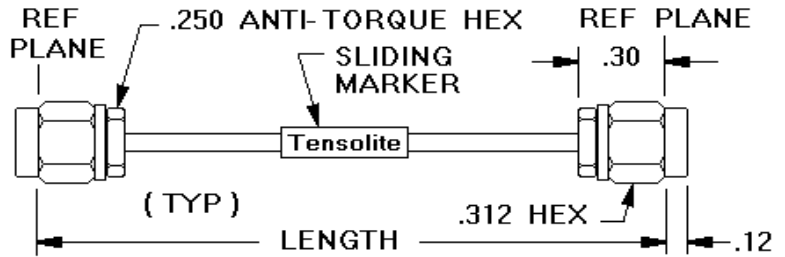


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pf/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	120 ps/INCH					
F (IN GHz) ----->	1	2	4	6	12	18
MAX. CW WATTS --->	86	60	41	33	22	18



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.089 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
CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.3

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	ASTM-B-211, ALUMINUM	TIN COATED
MARKER:	MIL-I-23053/5	GRAY
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
CONNECTOR BODIES:	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
CONNECTOR NUTS:	ASTM-A-582, 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
SMA GASKET:	ZZ-R-765 SILICONE RUBBER	NONE
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION	MECHANICAL CHARACTERISTICS	S11 AND S22 CHARACTERISTICS										S21 AND S12 CHARACTERISTICS						NOM DELAY nS	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.)							
						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		
1-3636-617- 5202	D	2.0	0.05	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.09	0.12	0.17	0.20	0.29	0.38	0.24	5.1	
1-3636-617- 5203	D	3.0	0.05	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.11	0.15	0.21	0.25	0.36	0.46	0.36	7.6	
1-3636-617- 5204	D	4.0	0.05	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.13	0.17	0.25	0.30	0.42	0.55	0.48	10.2	
1-3636-617- 5205	D	5.0	0.10	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.15	0.20	0.28	0.34	0.49	0.64	0.60	12.7	
1-3636-617- 5206	D	6.0	0.10	0.2	1.06	1.10	1.14	1.17	1.20	1.30	0.16	0.22	0.32	0.39	0.56	0.72	0.72	15.2	
1-3636-617- 5207		7.0	0.10	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.18	0.25	0.36	0.43	0.63	0.81	0.84	17.8	
1-3636-617- 5208	D	8.0	0.10	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.20	0.27	0.39	0.48	0.69	0.89	0.96	20.3	
1-3636-617- 5209		9.0	0.10	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.22	0.30	0.43	0.52	0.76	0.98	1.08	22.9	
1-3636-617- 5210		10.0	0.10	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.23	0.32	0.47	0.57	0.83	1.06	1.20	25.4	
1-3636-617- 5211		11.0	0.15	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.25	0.35	0.50	0.62	0.90	1.15	1.32	27.9	
1-3636-617- 5212	D	12.0	0.15	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.27	0.37	0.54	0.66	0.96	1.24	1.44	30.5	
1-3636-617- 5213		13.0	0.15	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.29	0.40	0.57	0.71	1.03	1.32	1.56	33.0	
1-3636-617- 5214		14.0	0.15	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.30	0.42	0.61	0.75	1.10	1.41	1.68	35.6	
1-3636-617- 5215		15.0	0.15	0.3	1.06	1.10	1.14	1.17	1.20	1.30	0.32	0.45	0.65	0.80	1.17	1.49	1.80	38.1	
1-3636-617- 5216		16.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.34	0.47	0.68	0.84	1.23	1.58	1.92	40.6	
1-3636-617- 5217		17.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.36	0.50	0.72	0.89	1.30	1.66	2.04	43.2	
1-3636-617- 5218	D	18.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.37	0.52	0.76	0.94	1.37	1.75	2.16	45.7	
1-3636-617- 5219		19.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.39	0.55	0.79	0.98	1.44	1.83	2.28	48.3	
1-3636-617- 5220		20.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.41	0.57	0.83	1.03	1.50	1.92	2.40	50.8	
1-3636-617- 5221		21.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.43	0.60	0.87	1.07	1.57	2.01	2.52	53.3	
1-3636-617- 5222		22.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.44	0.62	0.90	1.12	1.64	2.09	2.64	55.9	
1-3636-617- 5223		23.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.46	0.65	0.94	1.16	1.71	2.18	2.76	58.4	
1-3636-617- 5224	D	24.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.48	0.67	0.98	1.21	1.77	2.26	2.88	61.0	
1-3636-617- 5225		25.0	0.15	0.4	1.06	1.10	1.14	1.17	1.20	1.30	0.50	0.70	1.01	1.25	1.84	2.35	3.00	63.5	
1-3636-617- 5226		26.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.51	0.73	1.05	1.30	1.91	2.43	3.12	66.0	
1-3636-617- 5227		27.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.53	0.75	1.09	1.35	1.98	2.52	3.24	68.6	
1-3636-617- 5228		28.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.55	0.78	1.12	1.39	2.04	2.61	3.36	71.1	
1-3636-617- 5229		29.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.56	0.80	1.16	1.44	2.11	2.69	3.48	73.7	
1-3636-617- 5230		30.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.58	0.83	1.20	1.48	2.18	2.78	3.60	76.2	
1-3636-617- 5231		31.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.60	0.85	1.23	1.53	2.25	2.86	3.71	78.7	
1-3636-617- 5232		32.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.62	0.88	1.27	1.57	2.32	2.95	3.83	81.3	
1-3636-617- 5233		33.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.63	0.90	1.30	1.62	2.38	3.03	3.95	83.8	
1-3636-617- 5234		34.0	0.15	0.5	1.06	1.10	1.14	1.17	1.20	1.30	0.65	0.93	1.34	1.67	2.45	3.12	4.07	86.4	
1-3636-617- 5235		35.0	0.15	0.6	1.06	1.10	1.14	1.17	1.20	1.30	0.67	0.95	1.38	1.71	2.52	3.21	4.19	88.9	
1-3636-617- 5236		36.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.69	0.98	1.41	1.76	2.59	3.29	4.31	91.4	
1-3636-617- 5237		37.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.70	1.00	1.45	1.80	2.65	3.38	4.43	94.0	
1-3636-617- 5238		38.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.72	1.03	1.49	1.85	2.72	3.46	4.55	96.5	
1-3636-617- 5239		39.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.74	1.05	1.52	1.89	2.79	3.55	4.67	99.1	
1-3636-617- 5240		40.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.76	1.08	1.56	1.94	2.86	3.63	4.79	101.6	
1-3636-617- 5241		41.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.77	1.10	1.60	1.98	2.92	3.72	4.91	104.1	
1-3636-617- 5242		42.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.79	1.13	1.63	2.03	2.99	3.80	5.03	106.7	
1-3636-617- 5243		43.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.81	1.15	1.67	2.08	3.06	3.89	5.15	109.2	
1-3636-617- 5244		44.0	0.20	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.83	1.18	1.71	2.12	3.13	3.98	5.27	111.8	
1-3636-617- 5245		45.0	0.20	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.84	1.20	1.74	2.17	3.19	4.06	5.39	114.3	
1-3636-617- 5246		46.0	0.20	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.86	1.23	1.78	2.21	3.26	4.15	5.51	116.8	
1-3636-617- 5247		47.0	0.20	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.88	1.25	1.82	2.26	3.33	4.23	5.63	119.4	
1-3636-617- 5248		48.0	0.25	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.90	1.28	1.85	2.30	3.40	4.32	5.75	121.9	

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