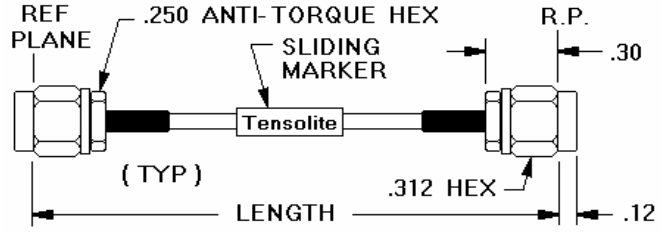


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING	-90 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	120 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 -->	80 56 39 32 21 17



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.110 INCHES
MIN. BEND RADIUS:	0.55 INCHES
PREFERRED BEND RADIUS:	1.10 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 310.3

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOTS:	MIL-I-23053/4	BLACK
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	MIL-G-45204 GOLD PLATED
SMA GASKET:	ZZ-R-765, SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS LENGTH INCHES	MECHANICAL CHARACTERISTICS + - WEIGHT OUNCES	S11 AND S22 CHARACTERISTICS MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)						S21 AND S12 CHARACTERISTICS 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			
1-3636-461- 5202	D 2.00	0.25 0.2	1.13 1.18	1.20 1.25	1.30 1.35	0.08 0.12	0.18 0.22	0.32 0.40	0.24 5.08								
1-3636-461- 5203	D 3.00	0.25 0.2	1.13 1.18	1.20 1.25	1.30 1.35	0.10 0.15	0.21 0.27	0.39 0.50	0.36 7.62								
1-3636-461- 5204	D 4.00	0.25 0.3	1.13 1.18	1.20 1.25	1.30 1.35	0.12 0.17	0.25 0.31	0.46 0.59	0.48 10.16								
1-3636-461- 5205	D 5.00	0.25 0.3	1.13 1.18	1.20 1.25	1.30 1.35	0.14 0.20	0.29 0.36	0.54 0.68	0.60 12.70								
1-3636-461- 5206	D 6.00	0.25 0.3	1.13 1.18	1.20 1.25	1.30 1.35	0.15 0.22	0.33 0.41	0.61 0.78	0.72 15.24								
1-3636-461- 5207	D 7.00	0.25 0.3	1.13 1.18	1.20 1.25	1.30 1.35	0.17 0.25	0.36 0.46	0.68 0.87	0.84 17.78								
1-3636-461- 5208	D 8.00	0.25 0.3	1.13 1.18	1.20 1.25	1.30 1.35	0.19 0.27	0.40 0.50	0.76 0.97	0.96 20.32								
1-3636-461- 5209	D 9.00	0.25 0.4	1.13 1.18	1.20 1.25	1.30 1.35	0.21 0.30	0.44 0.55	0.83 1.06	1.08 22.86								
1-3636-461- 5210	D 10.00	0.25 0.4	1.13 1.18	1.20 1.25	1.30 1.35	0.22 0.32	0.48 0.60	0.90 1.16	1.20 25.40								
1-3636-461- 5211	D 11.00	0.25 0.4	1.13 1.18	1.20 1.25	1.30 1.35	0.24 0.35	0.51 0.65	0.97 1.25	1.32 27.94								
1-3636-461- 5212	D 12.00	0.25 0.4	1.13 1.18	1.20 1.25	1.30 1.35	0.26 0.38	0.55 0.70	1.05 1.34	1.44 30.48								
1-3636-461- 5213	D 13.00	0.25 0.4	1.13 1.18	1.20 1.25	1.30 1.35	0.28 0.40	0.59 0.74	1.12 1.44	1.56 33.02								
1-3636-461- 5214	D 14.00	0.25 0.5	1.13 1.18	1.20 1.25	1.30 1.35	0.29 0.43	0.63 0.79	1.19 1.53	1.68 35.56								
1-3636-461- 5215	D 15.00	0.25 0.5	1.13 1.18	1.20 1.25	1.30 1.35	0.31 0.45	0.67 0.84	1.27 1.63	1.80 38.10								
1-3636-461- 5216	D 16.00	0.25 0.5	1.13 1.18	1.20 1.25	1.30 1.35	0.33 0.48	0.70 0.89	1.34 1.72	1.92 40.64								
1-3636-461- 5217	D 17.00	0.25 0.5	1.13 1.18	1.20 1.25	1.30 1.35	0.34 0.50	0.74 0.93	1.41 1.82	2.04 43.18								
1-3636-461- 5218	D 18.00	0.25 0.5	1.13 1.18	1.20 1.25	1.30 1.35	0.36 0.53	0.78 0.98	1.48 1.91	2.16 45.72								
1-3636-461- 5219	D 19.00	0.25 0.6	1.13 1.18	1.20 1.25	1.30 1.35	0.38 0.55	0.82 1.03	1.56 2.00	2.28 48.26								
1-3636-461- 5220	D 20.00	0.25 0.6	1.13 1.18	1.20 1.25	1.30 1.35	0.40 0.58	0.85 1.08	1.63 2.10	2.40 50.8								
1-3636-461- 5221	D 21.00	0.25 0.6	1.13 1.18	1.20 1.25	1.30 1.35	0.41 0.60	0.89 1.13	1.70 2.19	2.52 53.3								
1-3636-461- 5222	D 22.00	0.25 0.6	1.13 1.18	1.20 1.25	1.30 1.35	0.43 0.63	0.93 1.17	1.78 2.29	2.64 55.9								
1-3636-461- 5223	D 23.00	0.25 0.7	1.13 1.18	1.20 1.25	1.30 1.35	0.45 0.65	0.97 1.22	1.85 2.38	2.76 58.4								
1-3636-461- 5224	D 24.00	0.25 0.7	1.13 1.18	1.20 1.25	1.30 1.35	0.47 0.68	1.00 1.27	1.92 2.48	2.88 61.0								
1-3636-461- 5225	D 25.00	0.25 0.7	1.13 1.18	1.20 1.25	1.30 1.35	0.48 0.71	1.04 1.32	1.99 2.57	3.00 63.5								
1-3636-461- 5226	D 26.00	0.26 0.7	1.13 1.18	1.20 1.25	1.30 1.35	0.50 0.73	1.08 1.36	2.07 2.66	3.12 66.0								
1-3636-461- 5227	D 27.00	0.27 0.7	1.13 1.18	1.20 1.25	1.30 1.35	0.52 0.76	1.12 1.41	2.14 2.76	3.24 68.6								
1-3636-461- 5228	D 28.00	0.28 0.8	1.13 1.18	1.20 1.25	1.30 1.35	0.54 0.78	1.15 1.46	2.21 2.85	3.36 71.1								
1-3636-461- 5229	D 29.00	0.29 0.8	1.13 1.18	1.20 1.25	1.30 1.35	0.55 0.81	1.19 1.51	2.29 2.95	3.48 73.7								
1-3636-461- 5230	D 30.00	0.30 0.8	1.13 1.18	1.20 1.25	1.30 1.35	0.57 0.83	1.23 1.56	2.36 3.04	3.60 76.2								
1-3636-461- 5231	D 31.00	0.31 0.8	1.13 1.18	1.20 1.25	1.30 1.35	0.59 0.86	1.27 1.60	2.43 3.14	3.71 78.7								
1-3636-461- 5232	D 32.00	0.32 0.8	1.13 1.18	1.20 1.25	1.30 1.35	0.60 0.88	1.31 1.65	2.50 3.23	3.83 81.3								
1-3636-461- 5233	D 33.00	0.33 0.9	1.13 1.18	1.20 1.25	1.30 1.35	0.62 0.91	1.34 1.70	2.58 3.33	3.95 83.8								
1-3636-461- 5234	D 34.00	0.34 0.9	1.13 1.18	1.20 1.25	1.30 1.35	0.64 0.93	1.38 1.75	2.65 3.42	4.07 86.4								
1-3636-461- 5235	D 35.00	0.35 0.9	1.13 1.18	1.20 1.25	1.30 1.35	0.66 0.96	1.42 1.79	2.72 3.51	4.19 88.9								
1-3636-461- 5236	D 36.00	0.36 0.9	1.18 1.20	1.25 1.30	1.35 1.38	0.67 0.98	1.46 1.84	2.80 3.61	4.31 91.4								
1-3636-461- 5239	D 39.00	0.39 1.0	1.18 1.20	1.25 1.30	1.35 1.38	0.73 1.06	1.57 1.99	3.01 3.89	4.67 99.1								
1-3636-461- 5240	D 40.00	0.40 1.0	1.18 1.20	1.25 1.30	1.35 1.38	0.74 1.09	1.61 2.03	3.09 3.99	4.79 102								
1-3636-461- 5241	D 41.00	0.41 1.0	1.18 1.20	1.25 1.30	1.35 1.38	0.76 1.11	1.64 2.08	3.16 4.08	4.91 104								
1-3636-461- 5242	D 42.00	0.42 1.0	1.18 1.20	1.25 1.30	1.35 1.38	0.78 1.14	1.68 2.13	3.23 4.17	5.03 107								
1-3636-461- 5246	D 46.00	0.46 1.1	1.18 1.20	1.25 1.30	1.35 1.38	0.85 1.24	1.83 2.32	3.52 4.55	5.51 117								
1-3636-461- 5248	D 48.00	0.48 1.2	1.18 1.20	1.25 1.30	1.35 1.38	0.88 1.29	1.91 2.42	3.67 4.74	5.75 122								
1-3636-461- 5254	D 54.00	0.54 1.3	1.18 1.20	1.25 1.30	1.35 1.38	0.99 1.44	2.13 2.70	4.11 5.31	6.47 137								
1-3636-461- 5260	D 60.00	0.60 1.4	1.18 1.20	1.25 1.30	1.35 1.38	1.09 1.59	2.36 2.99	4.54 5.87	7.19 152								
1-3636-461- 5266	D 66.00	0.66 1.5	1.18 1.20	1.25 1.30	1.35 1.38	1.19 1.75	2.59 3.28	4.98 6.44	7.91 168								
1-3636-461- 5272	D 72.00	0.72 1.7	1.18 1.20	1.25 1.30	1.35 1.38	1.30 1.90	2.81 3.56	5.42 7.00	8.63 183								
1-3636-461- 5278	D 78.00	0.78 1.8	1.20 1.23	1.28 1.33	1.38 1.42	1.40 2.05	3.04 3.85	5.86 7.57	9.35 198								
1-3636-461- 5280	D 80.00	0.80 1.8	1.20 1.23	1.28 1.33	1.38 1.42	1.44 2.10	3.11 3.95	6.00 7.76	9.59 203								
1-3636-461- 5284	D 84.00	0.84 1.9	1.20 1.23	1.28 1.33	1.38 1.42	1.51 2.20	3.26 4.14	6.29 8.14	10.1 213								
1-3636-461- 5290	D 90.00	0.90 2.0	1.20 1.23	1.28 1.33	1.38 1.42	1.61 2.36	3.49 4.42	6.73 8.70	10.8 229								
1-3636-461- 5296	D 96.00	0.96 2.2	1.20 1.23	1.28 1.33	1.38 1.42	1.71 2.51	3.72 4.71	7.17 9.27	11.5 244								
1-3636-461- 5299	D 99.00	0.99 2.2	1.20 1.23	1.28 1.33	1.38 1.42	1.77 2.58	3.83 4.85	7.39 9.55	11.9 251								
2-3636-461- 5210	D 120	1.20 2.6	1.20 1.23	1.28 1.33	1.38 1.42	2.13 3.12	4.62 5.86	8.91 11.5	14.4 305								
2-3636-461- 5212	D 144	1.44 3.1	1.20 1.23	1.28 1.33	1.38 1.42	2.55 3.73	5.52 7.00	10.7 13.8	17.3 366								
2-3636-461- 5215	D 180	1.80 3.9	1.20 1.23	1.28 1.33	1.38 1.42	3.17 4.64	6.88 8.72	13.3 17.2	21.6 457								
2-3636-461- 5217	D 204	2.04 4.4	1.20 1.23	1.28 1.33	1.38 1.42	3.59 5.25	7.78 9.87	15.0 19.5	24.4 518								

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