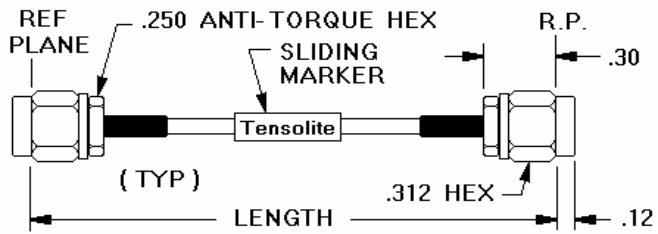


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	28.7 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING	-90 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	120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

D = DISTRIBUTOR ITEM    MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM PLUS MEASURING SYSTEM UNCERTAINTY.  
 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.  
 THESE ASSEMBLIES ARE ALSO AVAILABLE IN ROHS COMPLIANT VERSIONS. TO ORDER, REPLACE THE "1" PREFIX WITH A "Y" OR REPLACE THE "2" PREFIX WITH A "Z".  
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