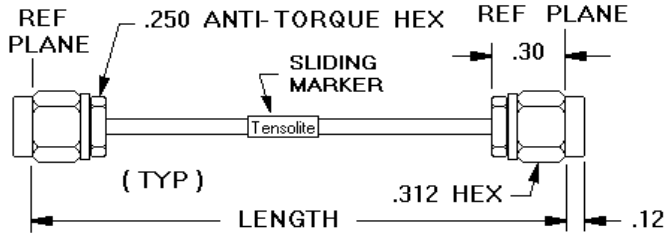


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.80 pf/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.5 %					
RELATIVE SHIELDING:	-100.0 db MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY NOMINAL:	120 ps/INCH					
MAX. PULSE RF POWER:	1000 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 -->	130	94	64	49	30	22



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.
CONTACT CAPTIVATION:	6 LBS / 1 IN OZ
TEMPERATURE RANGE:	-65 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	COMMERCIAL K

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET: (NOTE)	TIN FILLED WIRE BRAID	TIN COATED
MARKER:	MIL-I-23053/5	GRAY
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
INSULATORS:	ASTM D1457 PTFE	NONE
CONTACT:	ASTM B196 BeCu	MIL-G-45204 GOLD PLATED
BODY	ASTM A 582 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
NUT	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
GASKET	ZZ-R-765 SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION	MECHANICAL CHARACTERISTICS	S11 AND S22 CHARACTERISTICS									S12 AND S21 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.)						DELAY IN NS +/- 4 %	
						UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	26.5 TO 40	UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26		26.5 TO 40				
1-K6K6-600- 4302	2.00	0.05	0.27	1.10	1.14	1.20	1.30	1.35	1.50	0.31	0.40	0.61	0.77	0.92	1.16	0.24	5.08					
1-K6K6-600- 4303	3.00	0.05	0.28	1.10	1.14	1.20	1.30	1.35	1.50	0.33	0.44	0.68	0.86	1.05	1.32	0.36	7.62					
1-K6K6-600- 4304	4.00	0.05	0.30	1.10	1.14	1.20	1.30	1.35	1.50	0.36	0.48	0.76	0.96	1.17	1.48	0.48	10.16					
1-K6K6-600- 4305	5.00	0.05	0.31	1.10	1.14	1.20	1.30	1.35	1.50	0.39	0.52	0.83	1.06	1.30	1.64	0.60	12.70					
1-K6K6-600- 4306	6.00	0.05	0.33	1.10	1.14	1.20	1.30	1.35	1.50	0.42	0.56	0.91	1.16	1.42	1.80	0.72	15.24					
1-K6K6-600- 4307	7.00	0.10	0.34	1.10	1.14	1.20	1.30	1.35	1.50	0.44	0.60	0.99	1.25	1.54	1.96	0.84	17.78					
1-K6K6-600- 4308	8.00	0.10	0.36	1.10	1.14	1.20	1.30	1.35	1.50	0.47	0.64	1.06	1.35	1.67	2.12	0.96	20.32					
1-K6K6-600- 4309	9.00	0.10	0.37	1.10	1.14	1.20	1.30	1.35	1.50	0.50	0.68	1.14	1.45	1.79	2.28	1.08	22.86					
1-K6K6-600- 4310	10.00	0.10	0.39	1.10	1.14	1.20	1.30	1.35	1.50	0.53	0.72	1.21	1.54	1.91	2.44	1.20	25.40					
1-K6K6-600- 4311	11.00	0.10	0.40	1.10	1.14	1.20	1.30	1.35	1.50	0.55	0.77	1.29	1.64	2.04	2.60	1.32	27.94					
1-K6K6-600- 4312	12.00	0.10	0.42	1.10	1.14	1.20	1.30	1.35	1.50	0.58	0.81	1.37	1.74	2.16	2.76	1.44	30.48					
1-K6K6-600- 4313	13.00	0.15	0.43	1.10	1.14	1.20	1.30	1.35	1.50	0.61	0.85	1.44	1.84	2.28	2.92	1.56	33.02					
1-K6K6-600- 4314	14.00	0.15	0.45	1.10	1.14	1.20	1.30	1.35	1.50	0.64	0.89	1.52	1.93	2.41	3.09	1.68	35.56					
1-K6K6-600- 4315	15.00	0.15	0.46	1.10	1.14	1.20	1.30	1.35	1.50	0.67	0.93	1.60	2.03	2.53	3.25	1.80	38.10					
1-K6K6-600- 4316	16.00	0.15	0.48	1.10	1.14	1.20	1.30	1.35	1.50	0.69	0.97	1.67	2.13	2.65	3.41	1.92	40.64					
1-K6K6-600- 4317	17.00	0.15	0.49	1.10	1.14	1.20	1.30	1.35	1.50	0.72	1.01	1.75	2.22	2.78	3.57	2.04	43.18					
1-K6K6-600- 4318	18.00	0.15	0.51	1.10	1.14	1.20	1.30	1.35	1.50	0.75	1.05	1.82	2.32	2.90	3.73	2.16	45.72					
1-K6K6-600- 4319	19.00	0.15	0.52	1.10	1.14	1.20	1.30	1.35	1.50	0.78	1.09	1.90	2.42	3.02	3.89	2.28	48.26					
1-K6K6-600- 4320	20.00	0.15	0.54	1.10	1.14	1.20	1.30	1.35	1.50	0.80	1.13	1.98	2.52	3.15	4.05	2.40	50.80					
1-K6K6-600- 4321	21.00	0.15	0.55	1.10	1.14	1.20	1.30	1.35	1.50	0.83	1.17	2.05	2.61	3.27	4.21	2.52	53.34					
1-K6K6-600- 4322	22.00	0.15	0.57	1.10	1.14	1.20	1.30	1.35	1.50	0.86	1.21	2.13	2.71	3.40	4.37	2.64	55.88					
1-K6K6-600- 4323	23.00	0.15	0.58	1.10	1.14	1.20	1.30	1.35	1.50	0.89	1.25	2.20	2.81	3.52	4.53	2.76	58.42					
1-K6K6-600- 4324	24.00	0.15	0.60	1.10	1.14	1.20	1.30	1.35	1.50	0.91	1.29	2.28	2.91	3.64	4.69	2.88	60.96					
1-K6K6-600- 4325	25.00	0.15	0.61	1.10	1.14	1.20	1.30	1.35	1.50	0.94	1.33	2.36	3.00	3.77	4.85	3.00	63.50					
1-K6K6-600- 4326	26.00	0.15	0.63	1.10	1.14	1.20	1.30	1.35	1.50	0.97	1.37	2.43	3.10	3.89	5.01	3.12	66.04					
1-K6K6-600- 4327	27.00	0.15	0.64	1.10	1.14	1.20	1.30	1.35	1.50	1.00	1.41	2.51	3.20	4.01	5.17	3.24	68.58					
1-K6K6-600- 4328	28.00	0.15	0.65	1.10	1.14	1.20	1.30	1.35	1.50	1.02	1.45	2.59	3.29	4.14	5.33	3.36	71.12					
1-K6K6-600- 4329	29.00	0.15	0.67	1.10	1.14	1.20	1.30	1.35	1.50	1.05	1.49	2.66	3.39	4.26	5.50	3.49	73.66					
1-K6K6-600- 4330	30.00	0.15	0.68	1.10	1.14	1.20	1.30	1.35	1.50	1.08	1.53	2.74	3.49	4.38	5.66	3.61	76.20					
1-K6K6-600- 4331	31.00	0.15	0.70	1.10	1.14	1.20	1.30	1.35	1.50	1.11	1.57	2.81	3.59	4.51	5.82	3.73	78.74					
1-K6K6-600- 4332	32.00	0.15	0.71	1.10	1.14	1.20	1.30	1.35	1.50	1.13	1.61	2.89	3.68	4.63	5.98	3.85	81.28					
1-K6K6-600- 4333	33.00	0.15	0.73	1.10	1.14	1.20	1.30	1.35	1.50	1.16	1.66	2.97	3.78	4.75	6.14	3.97	83.82					
1-K6K6-600- 4334	34.00	0.15	0.74	1.10	1.14	1.20	1.30	1.35	1.50	1.19	1.70	3.04	3.88	4.88	6.30	4.09	86.36					
1-K6K6-600- 4335	35.00	0.15	0.76	1.10	1.14	1.20	1.30	1.35	1.50	1.22	1.74	3.12	3.97	5.00	6.46	4.21	88.90					
1-K6K6-600- 4336	36.00	0.15	0.77	1.10	1.14	1.20	1.30	1.35	1.50	1.25	1.78	3.19	4.07	5.12	6.62	4.33	91.44					
1-K6K6-600- 4337	37.00	0.20	0.79	1.10	1.14	1.20	1.30	1.35	1.50	1.27	1.82	3.27	4.17	5.25	6.78	4.45	93.98					
1-K6K6-600- 4338	38.00	0.20	0.80	1.10	1.14	1.20	1.30	1.35	1.50	1.30	1.86	3.35	4.27	5.37	6.94	4.57	96.52					
1-K6K6-600- 4339	39.00	0.20	0.82	1.10	1.14	1.20	1.30	1.35	1.50	1.33	1.90	3.42	4.36	5.49	7.10	4.69	99.06					
1-K6K6-600- 4340	40.00	0.20	0.83	1.10	1.14	1.20	1.30	1.35	1.50	1.36	1.94	3.50	4.46	5.62	7.26	4.81	101.60					
1-K6K6-600- 4341	41.00	0.20	0.85	1.10	1.14	1.20	1.30	1.35	1.50	1.38	1.98	3.58	4.56	5.74	7.42	4.93	104.14					
1-K6K6-600- 4342	42.00	0.20	0.86	1.10	1.14	1.20	1.30	1.35	1.50	1.41	2.02	3.65	4.66	5.87	7.58	5.05	106.68					
1-K6K6-600- 4343	43.00	0.20	0.88	1.10	1.14	1.20	1.30	1.35	1.50	1.44	2.06	3.73	4.75	5.99	7.74	5.17	109.22					
1-K6K6-600- 4344	44.00	0.20	0.89	1.10	1.14	1.20	1.30	1.35	1.50	1.47	2.10	3.80	4.85	6.11	7.91	5.29	111.76					
1-K6K6-600- 4345	45.00	0.20	0.91	1.10	1.14	1.20	1.30	1.35	1.50	1.49	2.14	3.88	4.95	6.24	8.07	5.41	114.30					
1-K6K6-600- 4346	46.00	0.20	0.92	1.10	1.14	1.20	1.30	1.35	1.50	1.52	2.18	3.96	5.04	6.36	8.23	5.53	116.84					
1-K6K6-600- 4347	47.00	0.20	0.94	1.10	1.14	1.20	1.30	1.35	1.50	1.55	2.22	4.03	5.14	6.48	8.39	5.65	119.38					
1-K6K6-600- 4348	48.00	0.20	0.95	1.10	1.14	1.20	1.30	1.35	1.50	1.58	2.26	4.11	5.24	6.61	8.55	5.77	121.92					
1-K6K6-600- 4360	60.00	0.20	1.13	1.10	1.14	1.20	1.30	1.35	1.50	1.91	2.75	5.02	6.41	8.09	10.48	7.21	152.40					
1-K6K6-600- 4372	72.00	0.20	1.31	1.10	1.14	1.20	1.30	1.35	1.50	2.24	3.23	5.94	7.57	9.57	12.40	8.65	182.88					
1-K6K6-600- 4379	79.00	0.20	1.41	1.10	1.14	1.20	1.30	1.35	1.50	2.43	3.52	6.47	8.25	10.44	13.53	9.49	200.66					

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.

SEMI-FLEX IS A REGISTERED TRADEMARK OF TENSOLITE CO.

VISIT OUR WEB SITE AT: <http://www.tensolite.com>