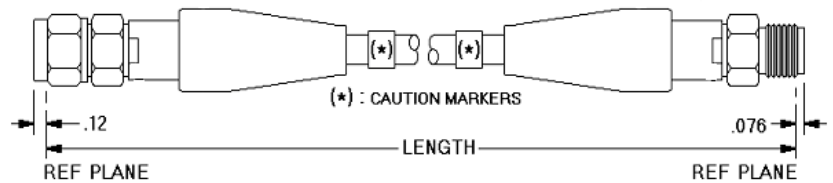


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH					
PULSE RF POWER:	1250 WATTS MAX.					
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)						
F (IN GHz) -----	1	2	4	12	18	26.5
MAX. CW WATTS -----	213	145	97	49	38	29
PHASE STABILITY DEG.	0.3	0.6	1.2	3.6	5.4	8.0
LOSS STABILITY dB-->	0.01	0.01	0.01	0.03	0.05	0.08
VSWR STABILITY----- LESS THAN 0.02 THROUGH 26.5 GHz.						
CABLE FORMED AND STRAIGHTENED 90 DEGREES ON A 4" RADIUS						

MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.200 INCHES
MIN. ONE TIME BEND RADIUS:	1.00 INCHES
PREFERRED BEND RADIUS:	4.00 INCHES
CONNECTOR RETENTION:	100 POUNDS MIN.
TEMPERATURE RANGE:	-55 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	3.5 MM



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	LP-389 FEP	BROWN TINT
CABLE SLEEVE	POLYVINYLCHLORIDE	GRAY OR BLACK
BOOTS:	NEOPRENE	GRAY OR BLACK
CONTACTS:	ASTM B196 BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM D1457 PTFE	NONE
CONNECTOR BODIES:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
CONNECTOR NUTS:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
GASKET:	ZZ-R-765 SILICONE RUBBER	RED
CAUTION LABEL MARKERS:	MIL-I-23053/5	YELLOW
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

PART NUMBER	LENGTH INCHES	+ - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)							MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)						LENGTH CM
				UP TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18	18 TO 26.5		UP TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18	18 TO 26.5	
K-7274- 06	6.0	0.25	3.3	1.10	1.15	1.20	1.25	1.30	1.35		0.21	0.28	0.35	0.50	0.63	0.80	15.2
K-7274- 07	7.0	0.25	3.4	1.10	1.15	1.20	1.25	1.30	1.35		0.23	0.31	0.38	0.54	0.69	0.87	17.8
K-7274- 09	9.0	0.25	3.5	1.10	1.15	1.20	1.25	1.30	1.35		0.26	0.35	0.44	0.63	0.81	1.02	22.9
K-7274- 12	12.0	0.25	3.7	1.10	1.15	1.20	1.25	1.30	1.35		0.30	0.42	0.52	0.76	0.98	1.24	30.5
K-7274- 18	18.0	0.25	4.0	1.10	1.15	1.20	1.25	1.30	1.35		0.39	0.55	0.70	1.02	1.32	1.69	45.7
K-7274- 19	19.0	0.25	4.1	1.10	1.15	1.20	1.25	1.30	1.35		0.41	0.57	0.72	1.07	1.38	1.76	48.3
K-7274- 24	24.0	0.25	4.4	1.10	1.15	1.20	1.25	1.30	1.35		0.48	0.69	0.87	1.29	1.66	2.13	61.0
K-7274- 25	25.0	0.25	4.4	1.10	1.15	1.20	1.25	1.30	1.35		0.50	0.71	0.90	1.33	1.72	2.21	63.5
K-7274- 30	30.0	0.30	4.7	1.10	1.15	1.20	1.25	1.30	1.35		0.57	0.82	1.04	1.55	2.00	2.57	76.2
K-7274- 36	36.0	0.36	5.0	1.10	1.15	1.20	1.25	1.30	1.35		0.66	0.96	1.21	1.81	2.35	3.02	91.4
K-7274- 39	39.4	0.39	5.2	1.10	1.15	1.20	1.25	1.30	1.35		0.71	1.03	1.30	1.96	2.54	3.27	100.0
K-7274- 37	37.0	0.37	5.1	1.10	1.15	1.20	1.25	1.30	1.35		0.67	0.98	1.24	1.86	2.40	3.09	94.0
K-7274- 42	42.0	0.42	5.4	1.10	1.15	1.20	1.25	1.30	1.35		0.75	1.09	1.38	2.08	2.69	3.46	106.7
K-7274- 43	43.0	0.43	5.4	1.10	1.15	1.20	1.25	1.30	1.35		0.76	1.11	1.41	2.12	2.74	3.54	109.2
K-7274- 45	45.0	0.45	5.6	1.10	1.15	1.20	1.25	1.30	1.35		0.79	1.16	1.47	2.21	2.86	3.68	114.3
K-7274- 48	48.0	0.48	5.7	1.10	1.15	1.20	1.25	1.30	1.35		0.84	1.22	1.55	2.34	3.03	3.91	121.9
K-7274- 49	49.0	0.49	5.8	1.10	1.15	1.20	1.25	1.30	1.35		0.85	1.25	1.58	2.38	3.09	3.98	124.5
K-7274- 54	54.0	0.54	6.1	1.10	1.15	1.20	1.25	1.30	1.35		0.93	1.36	1.72	2.60	3.37	4.35	137.2
K-7274- 60	60.0	0.60	6.4	1.10	1.15	1.20	1.25	1.30	1.35		1.02	1.49	1.89	2.86	3.71	4.79	152.4
K-7274- 66	66.0	0.66	6.8	1.10	1.15	1.20	1.25	1.30	1.35		1.11	1.63	2.06	3.13	4.06	5.24	167.6
K-7274- 72	72.0	0.72	7.1	1.10	1.15	1.20	1.25	1.30	1.35		1.20	1.76	2.23	3.39	4.40	5.68	182.9
K-7274- 79	79.0	0.79	7.5	1.10	1.15	1.20	1.25	1.30	1.35		1.30	1.92	2.43	3.70	4.80	6.20	200.7
K-7274- 84	84.0	0.84	7.8	1.10	1.15	1.20	1.25	1.30	1.35		1.38	2.03	2.58	3.92	5.08	6.57	213.4
K-7274- 96	96.0	0.96	8.5	1.10	1.15	1.20	1.25	1.30	1.35		1.56	2.30	2.92	4.44	5.77	7.45	243.8
K-7274- 108	108.0	1.08	9.2	1.10	1.15	1.20	1.25	1.30	1.35		1.74	2.57	3.26	4.97	6.45	8.34	274.3
K-7274- 120	120.0	1.20	9.9	1.10	1.15	1.20	1.25	1.30	1.35		1.92	2.83	3.60	5.50	7.14	9.23	304.8
K-7274- 144	144.0	1.44	11.2	1.15	1.20	1.25	1.30	1.35	1.45		2.28	3.37	4.29	6.55	8.51	11.00	365.8
K-7274- 168	168.0	1.68	12.6	1.15	1.20	1.25	1.30	1.35	1.45		2.64	3.91	4.97	7.60	9.87	12.77	426.7
K-7274- 180	180.4	1.80	13.3	1.15	1.20	1.25	1.30	1.35	1.45		2.82	4.18	5.32	8.14	10.58	13.69	458.1

MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM INCLUDING 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.

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