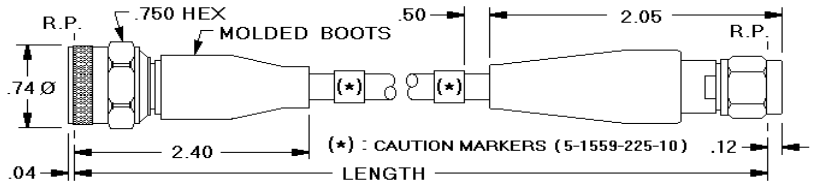


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, 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	6	12	18
MAX. CW WATTS -----	50	40	20	18	15	10
PHASE STABILITY DEG. -----	0.3	0.6	1.2	1.8	3.6	5.4
LOSS STABILITY dB-----	0.01	0.01	0.01	0.02	0.03	0.05
VSWR STABILITY----- LESS THAN 0.02 THROUGH 18 GHz.						
CABLE FORMED AND STRAIGHTENED 90 DEGREES ON A 4" RADIUS						

MECHANICAL SPECIFICATIONS:		
CABLE MAX. DIAMETER:	0.245	INCHES
MIN. ONE TIME BEND RADIUS:	1.00	INCHES
FLEXED MIN. BEND RADIUS:	4.00	INCHES
CONNECTOR RETENTION:	100	POUNDS MIN.
TEMPERATURE RANGE:	-13 / +33	DEGREES C
SMA MATING TORQUE:	7-10	INCH POUNDS
7 MM MATING TORQUE:	12-15	INCH POUNDS
CONNECTOR INTERFACES:	SMA = HYBRID SMA	NIL-STD-348



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	POLYVINYLCHLORIDE	GRAY
MARKER:	MIL-I-23053	YELLOW
BOOTS:	MIL-I-23053	GRAY
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
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 SILICON RUBBER	NONE
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 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	
KU-1836- 09	9.0	0.25	3.2	1.10	1.15	1.20	1.25	1.30	1.35	0.17	0.24	0.34	0.42	0.62	0.81	22.9
KU-1836- 10	10.0	0.25	3.3	1.10	1.15	1.20	1.25	1.30	1.35	0.18	0.25	0.36	0.45	0.66	0.86	25.4
KU-1836- 11	11.0	0.25	3.3	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.27	0.39	0.48	0.71	0.92	27.9
KU-1836- 12	12.0	0.25	3.4	1.10	1.15	1.20	1.25	1.30	1.35	0.20	0.28	0.41	0.50	0.75	0.98	30.5
KU-1836- 13	13.0	0.25	3.4	1.10	1.15	1.20	1.25	1.30	1.35	0.21	0.30	0.43	0.53	0.79	1.03	33.0
KU-1836- 14	14.0	0.25	3.5	1.10	1.15	1.20	1.25	1.30	1.35	0.22	0.31	0.45	0.56	0.84	1.09	35.6
KU-1836- 15	15.0	0.25	3.6	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.33	0.48	0.59	0.88	1.15	38.1
KU-1836- 16	16.0	0.25	3.6	1.10	1.15	1.20	1.25	1.30	1.35	0.24	0.34	0.50	0.62	0.92	1.20	40.6
KU-1836- 17	17.0	0.25	3.7	1.10	1.15	1.20	1.25	1.30	1.35	0.25	0.36	0.52	0.65	0.97	1.26	43.2
KU-1836- 18	18.0	0.18	3.7	1.10	1.15	1.20	1.25	1.30	1.35	0.26	0.37	0.54	0.68	1.01	1.32	45.7
KU-1836- 19	19.0	0.18	3.8	1.10	1.15	1.20	1.25	1.30	1.35	0.27	0.39	0.56	0.70	1.06	1.38	48.3
KU-1836- 20	20.0	0.20	3.8	1.10	1.15	1.20	1.25	1.30	1.35	0.28	0.40	0.59	0.73	1.10	1.43	50.8
KU-1836- 21	21.0	0.25	3.9	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.42	0.61	0.76	1.14	1.49	53.3
KU-1836- 24	24.0	0.25	4.1	1.10	1.15	1.20	1.25	1.30	1.35	0.32	0.46	0.68	0.85	1.28	1.66	61.0
KU-1836- 27	27.0	0.25	4.2	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.51	0.74	0.93	1.41	1.83	68.6
KU-1836- 30	30.0	0.30	4.4	1.10	1.15	1.20	1.25	1.30	1.35	0.39	0.55	0.81	1.02	1.54	2.00	76.2
KU-1836- 33	33.0	0.33	4.6	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.60	0.88	1.10	1.67	2.17	83.8
KU-1836- 36	36.0	0.36	4.8	1.10	1.15	1.20	1.25	1.30	1.35	0.45	0.64	0.95	1.19	1.80	2.35	91.4
KU-1836- 39	39.0	0.39	4.9	1.10	1.15	1.20	1.25	1.30	1.35	0.48	0.68	1.01	1.27	1.93	2.52	99.1
KU-1836- 42	42.0	0.42	5.1	1.10	1.15	1.20	1.25	1.30	1.35	0.51	0.73	1.08	1.36	2.07	2.69	106.7
KU-1836- 45	45.0	0.45	5.3	1.10	1.15	1.20	1.25	1.30	1.35	0.54	0.77	1.15	1.45	2.20	2.86	114.3
KU-1836- 48	48.0	0.48	5.5	1.10	1.15	1.20	1.25	1.30	1.35	0.57	0.82	1.21	1.53	2.33	3.03	121.9
KU-1836- 54	54.0	0.54	5.8	1.10	1.15	1.20	1.25	1.30	1.35	0.63	0.91	1.35	1.70	2.59	3.37	137.2
KU-1836- 60	60.0	0.60	6.1	1.10	1.15	1.20	1.25	1.30	1.35	0.69	1.00	1.48	1.87	2.85	3.71	152.4
KU-1836- 66	66.0	0.66	6.5	1.10	1.15	1.20	1.25	1.30	1.35	0.75	1.09	1.62	2.04	3.12	4.06	167.6
KU-1836- 72	72.0	0.72	6.8	1.10	1.15	1.20	1.25	1.30	1.35	0.81	1.18	1.75	2.21	3.38	4.40	182.9
KU-1836- 84	84.0	0.84	7.5	1.10	1.15	1.20	1.25	1.30	1.35	0.93	1.36	2.02	2.56	3.91	5.08	213.4
KU-1836- 96	96.0	0.96	8.2	1.10	1.15	1.20	1.25	1.30	1.35	1.06	1.54	2.29	2.90	4.43	5.77	243.8
KU-1836- 99	99.0	0.99	8.4	1.10	1.15	1.20	1.25	1.30	1.35	1.09	1.58	2.35	2.98	4.56	5.94	251.5
KU-1836- 120	120.0	1.20	9.6	1.10	1.15	1.20	1.25	1.30	1.35	1.30	1.90	2.82	3.58	5.49	7.14	304.8
KU-1836- 158	158.0	1.58	11.8	1.10	1.15	1.20	1.25	1.30	1.35	1.69	2.47	3.67	4.67	7.15	9.30	401.3

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.

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