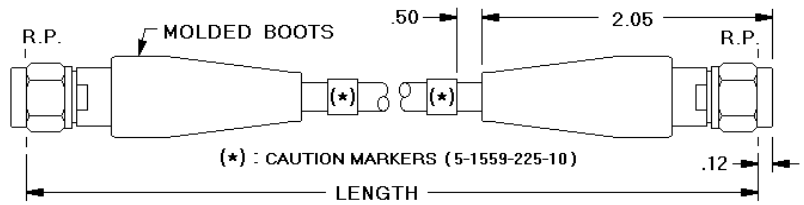


ELECTRICAL SPECIFICATIONS					
IMPEDANCE, NOMINAL:	50 OHMS				
CAPACITANCE NOMINAL:	28.7 pf/FOOT				
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %				
RELATIVE SHIELDING:	-100.0 dB MIN.				
INSULATION RESISTANCE:	1000 MEGOHMS MIN.				
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.				
ELECTRICAL DELAY, NOMINAL:	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
MAX. CW WATTS	106	72	48	25	19
PHASE STABILITY DEG	0.3	0.6	1.2	3.6	5.4
LOSS STABILITY dB	0.01	0.01	0.01	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:	0.235 INCHES
MIN. ONE TIME BEND RADIUS:	1.41 INCHES
PREFERRED BEND RADIUS:	4.70 INCHES
CONNECTOR RETENTION:	100 POUNDS MIN.
TEMPERATURE RANGE:	-35 / +85 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	HYBRID SMA MIL-STD-348



NOTE: LENGTHS 10 INCHES OR LESS PLACE CAUTION MARKERS NEXT TO BOOTS.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	LP-389 FEP	BROWN TINT
CABLE SLEEVE	POLYVINYLCHLORIDE	GREY OR BLACK
BOOTS:	NEOPRENE	GREY 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 SILICON RUBBER	RED
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	UP TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18		
KU-3636-0 6	6.0	0.25	3.3	1.10	1.15	1.20	1.25	1.30	0.21	0.28	0.35	0.50	0.63	15.2	
KU-3636- 10	10.0	0.25	3.5	1.10	1.15	1.20	1.25	1.30	0.27	0.37	0.47	0.67	0.86	25.4	
KU-3636- 12	12.0	0.25	3.7	1.10	1.15	1.20	1.25	1.30	0.30	0.42	0.52	0.76	0.98	30.5	
KU-3636- 14	14.0	0.25	3.8	1.10	1.15	1.20	1.25	1.30	0.33	0.46	0.58	0.85	1.09	35.6	
KU-3636- 15	15.0	0.25	3.8	1.10	1.15	1.20	1.25	1.30	0.35	0.49	0.61	0.89	1.15	38.1	
KU-3636- 16	16.0	0.25	3.9	1.10	1.15	1.20	1.25	1.30	0.36	0.51	0.64	0.93	1.20	40.6	
KU-3636- 18	18.0	0.25	4.0	1.10	1.15	1.20	1.25	1.30	0.39	0.55	0.70	1.02	1.32	45.7	
KU-3636- 20	20.0	0.25	4.1	1.10	1.15	1.20	1.25	1.30	0.42	0.60	0.75	1.11	1.43	50.8	
KU-3636- 24	24.0	0.25	4.4	1.10	1.15	1.20	1.25	1.30	0.48	0.69	0.87	1.29	1.66	61.0	
KU-3636- 30	30.0	0.25	4.7	1.10	1.15	1.20	1.25	1.30	0.57	0.82	1.04	1.55	2.00	76.2	
KU-3636- 36	36.0	0.36	5.0	1.10	1.15	1.20	1.25	1.30	0.66	0.96	1.21	1.81	2.35	91.4	
KU-3636- 39	39.4	0.39	5.2	1.10	1.15	1.20	1.25	1.30	0.71	1.03	1.30	1.96	2.54	100.0	
KU-3636- 40	40.0	0.40	5.3	1.10	1.15	1.20	1.25	1.30	0.72	1.04	1.32	1.99	2.57	101.5	
KU-3636- 42	42.0	0.42	5.4	1.10	1.15	1.20	1.25	1.30	0.75	1.09	1.38	2.08	2.69	106.7	
KU-3636- 48	48.0	0.48	5.7	1.10	1.15	1.20	1.25	1.30	0.84	1.22	1.55	2.34	3.03	121.9	
KU-3636- 54	54.0	0.54	6.1	1.10	1.15	1.20	1.25	1.30	0.93	1.36	1.72	2.60	3.37	137.2	
KU-3636- 60	60.0	0.60	6.4	1.10	1.15	1.20	1.25	1.30	1.02	1.49	1.89	2.86	3.71	152.4	
KU-3636- 72	72.0	0.72	7.1	1.10	1.15	1.20	1.25	1.30	1.20	1.76	2.23	3.39	4.40	182.9	
KU-3636- 84	84.0	0.84	7.8	1.10	1.15	1.20	1.25	1.30	1.38	2.03	2.58	3.92	5.08	213.4	
KU-3636- 96	96.0	0.96	8.5	1.10	1.15	1.20	1.25	1.30	1.56	2.30	2.92	4.44	5.77	243.8	
KU-3636- 100	100.0	1.00	8.7	1.10	1.15	1.20	1.25	1.30	1.62	2.39	3.03	4.62	6.00	254.0	
KU-3636- 108	108.0	1.08	9.2	1.10	1.15	1.20	1.25	1.30	1.74	2.57	3.26	4.97	6.45	274.3	
KU-3636- 120	120.0	1.20	9.9	1.10	1.15	1.20	1.25	1.30	1.92	2.83	3.60	5.50	7.14	304.8	
KU-3636- 144	144.0	1.44	11.2	1.15	1.20	1.25	1.30	1.35	2.28	3.37	4.29	6.55	8.51	365.8	
KU-3636- 168	168.0	1.68	12.6	1.15	1.20	1.25	1.30	1.35	2.64	3.91	4.97	7.60	9.87	426.7	
KU-3636- 180	180.4	1.80	13.3	1.15	1.20	1.25	1.30	1.35	2.82	4.18	5.32	8.14	10.58	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.

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