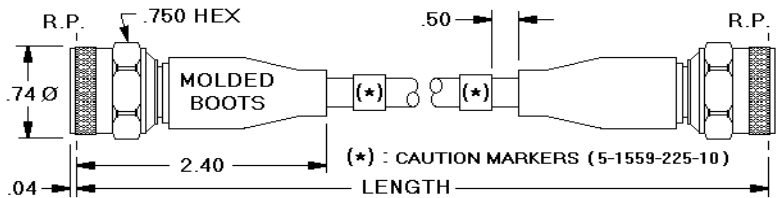


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50		OHMS			
CAPACITANCE NOMINAL:	29.4		pF/FOOT			
VELOCITY OF PROPAGATION, NOMINAL:	70.7		%			
RELATIVE SHIELDING:	-100.0		dB MIN.			
INSULATION RESISTANCE:	1000		MEGOHMS MIN.			
DIELECTRIC WITHSTANDING VOLTAGE:	1500		VRMS MIN.			
ELECTRICAL DELAY, 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 ----->	560	360	240	200	130	110
PHASE STABILITY DEG. ----->	0.3	0.6	1.2	1.8	3.6	5.4
LOSS STABILITY dB----->	0.01	0.01	0.01	0.015	0.03	0.05
CABLE FORMED AND STRAIGHTENED 90 DEGREES ON A 4" RADIUS						

MECHANICAL SPECIFICATIONS:		
CABLE MAX. DIAMETER:	0.250	INCHES
MIN. ONE TIME BEND RADIUS:	1.00	INCHES
PREFERRED BEND RADIUS:	4.00	INCHES
CONNECTOR RETENTION:	100	POUNDS MIN.
TEMPERATURE RANGE:	-55 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
TYPE N CONNECTOR INTERFACE:	MIL-STD-348	(SOLID OUTER COND.)



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	PVC	GREY
MARKING:	MIL-I-23053	YELLOW
BOOTS:	MIL-I-23053	BLACK
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
TYPE N BODY:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
TYPE N NUT:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
AVAILABLE GASKET:	ZZ-R-765 SILICON RUBBER	RED
THIS TYPE N CONNECTOR DOES NOT HAVE A WEATHER SEALING GASKET.		
A USER INSTALLED TYPE N GASKET IS AVAILABLE.		
ORDER GASKET, PART NUMBER 5-1368-100-17.		
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-1818- 07	7.0	0.00	4.3	1.07	1.12	1.15	1.18	1.22	1.30	0.15	0.21	0.30	0.36	0.53	0.69	17.8
KU-1818- 08	8.0	0.00	4.4	1.07	1.12	1.15	1.18	1.22	1.30	0.16	0.22	0.32	0.39	0.57	0.75	20.3
KU-1818- 09	9.0	0.00	4.5	1.07	1.12	1.15	1.18	1.22	1.30	0.17	0.24	0.34	0.42	0.62	0.81	22.9
KU-1818- 10	10.0	0.00	4.5	1.07	1.12	1.15	1.18	1.22	1.30	0.18	0.25	0.36	0.45	0.66	0.86	25.4
KU-1818- 11	11.0	0.00	4.6	1.07	1.12	1.15	1.18	1.22	1.30	0.19	0.27	0.39	0.48	0.71	0.92	27.9
KU-1818- 12	12.0	0.25	4.7	1.07	1.12	1.15	1.18	1.22	1.30	0.20	0.28	0.41	0.50	0.75	0.98	30.5
KU-1818- 13	13.0	0.25	4.7	1.07	1.12	1.15	1.18	1.22	1.30	0.21	0.30	0.43	0.53	0.79	1.03	33.0
KU-1818- 14	14.0	0.14	4.8	1.07	1.12	1.15	1.18	1.22	1.30	0.22	0.31	0.45	0.56	0.84	1.09	35.6
KU-1818- 15	15.0	0.15	4.9	1.07	1.12	1.15	1.18	1.22	1.30	0.23	0.33	0.48	0.59	0.88	1.15	38.1
KU-1818- 16	16.0	0.16	4.9	1.07	1.12	1.15	1.18	1.22	1.30	0.24	0.34	0.50	0.62	0.92	1.20	40.6
KU-1818- 17	17.0	0.17	5.0	1.07	1.12	1.15	1.18	1.22	1.30	0.25	0.36	0.52	0.65	0.97	1.26	43.2
KU-1818- 18	18.0	0.18	5.1	1.07	1.12	1.15	1.18	1.22	1.30	0.26	0.37	0.54	0.68	1.01	1.32	45.7
KU-1818- 19	19.0	0.19	5.1	1.07	1.12	1.15	1.18	1.22	1.30	0.27	0.39	0.56	0.70	1.06	1.38	48.3
KU-1818- 20	20.0	0.20	5.2	1.07	1.12	1.15	1.18	1.22	1.30	0.28	0.40	0.59	0.73	1.10	1.43	50.8
KU-1818- 21	21.0	0.21	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.29	0.42	0.61	0.76	1.14	1.49	53.3
KU-1818- 22	22.0	0.22	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.30	0.43	0.63	0.79	1.19	1.55	55.9
KU-1818- 23	23.0	0.23	5.4	1.07	1.12	1.15	1.18	1.22	1.30	0.31	0.45	0.65	0.82	1.23	1.60	58.4
KU-1818- 24	24.0	0.24	5.5	1.07	1.12	1.15	1.18	1.22	1.30	0.32	0.46	0.68	0.85	1.28	1.66	61.0
KU-1818- 25	25.0	0.25	5.5	1.07	1.12	1.15	1.18	1.22	1.30	0.33	0.48	0.70	0.88	1.32	1.72	63.5
KU-1818- 26	26.0	0.26	5.6	1.07	1.12	1.15	1.18	1.22	1.30	0.34	0.49	0.72	0.90	1.36	1.78	66.0
KU-1818- 27	27.4	0.27	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.36	0.51	0.75	0.94	1.42	1.85	69.5
KU-1818- 28	28.0	0.28	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.36	0.52	0.77	0.96	1.45	1.89	71.1
KU-1818- 29	29.0	0.29	5.8	1.07	1.12	1.15	1.18	1.22	1.30	0.38	0.54	0.79	0.99	1.49	1.95	73.7
KU-1818- 30	30.0	0.30	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.39	0.55	0.81	1.02	1.54	2.00	76.2
KU-1818- 31	31.0	0.31	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.40	0.57	0.83	1.05	1.58	2.06	78.7
KU-1818- 32	32.0	0.32	6.0	1.07	1.12	1.15	1.18	1.22	1.30	0.41	0.58	0.86	1.07	1.63	2.12	81.3
KU-1818- 33	33.0	0.33	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.42	0.60	0.88	1.10	1.67	2.17	83.8
KU-1818- 34	34.0	0.34	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.43	0.61	0.90	1.13	1.71	2.23	86.4
KU-1818- 35	35.0	0.35	6.2	1.07	1.12	1.15	1.18	1.22	1.30	0.44	0.63	0.92	1.16	1.76	2.29	88.9
KU-1818- 36	36.0	0.36	6.3	1.07	1.12	1.15	1.18	1.22	1.30	0.45	0.64	0.95	1.19	1.80	2.35	91.4
KU-1818- 39	39.0	0.39	6.5	1.07	1.12	1.15	1.18	1.22	1.30	0.48	0.68	1.01	1.27	1.93	2.52	99.1
KU-1818- 40	40.0	0.40	6.5	1.07	1.12	1.15	1.18	1.22	1.30	0.49	0.70	1.03	1.30	1.98	2.57	101.6
KU-1818- 42	42.0	0.42	6.7	1.07	1.12	1.15	1.18	1.22	1.30	0.51	0.73	1.08	1.36	2.07	2.69	106.7
KU-1818- 45	45.0	0.45	6.9	1.07	1.12	1.15	1.18	1.22	1.30	0.54	0.77	1.15	1.45	2.20	2.86	114.3
KU-1818- 46	46.0	0.46	6.9	1.07	1.12	1.15	1.18	1.22	1.30	0.55	0.79	1.17	1.47	2.24	2.92	116.8
KU-1818- 48	48.0	0.48	7.1	1.07	1.12	1.15	1.18	1.22	1.30	0.57	0.82	1.21	1.53	2.33	3.03	121.9
KU-1818- 54	54.0	0.54	7.5	1.07	1.12	1.15	1.18	1.22	1.30	0.63	0.91	1.35	1.70	2.59	3.37	137.2
KU-1818- 60	60.0	0.60	7.9	1.07	1.12	1.15	1.18	1.22	1.30	0.69	1.00	1.48	1.87	2.85	3.71	152.4
KU-1818- 72	72.0	0.72	8.7	1.07	1.12	1.15	1.18	1.22	1.30	0.81	1.18	1.75	2.21	3.38	4.40	182.9
KU-1818- 79	79.0	0.79	9.1	1.07	1.12	1.15	1.18	1.22	1.30	0.88	1.28	1.91	2.41	3.69	4.80	200.7
KU-1818- 80	80.0	0.80	9.2	1.07	1.12	1.15	1.18	1.22	1.30	0.89	1.30	1.93	2.44	3.73	4.86	203.2
KU-1818- 84	84.0	0.84	9.5	1.07	1.12	1.15	1.18	1.22	1.30	0.93	1.36	2.02	2.56	3.91	5.08	213.4
KU-1818- 96	96.0	0.96	10.3	1.07	1.12	1.15	1.18	1.22	1.30	1.06	1.54	2.29	2.90	4.43	5.77	243.8
KU-1818- 99	99.0	0.99	10.5	1.07	1.12	1.15	1.18	1.22	1.30	1.09	1.58	2.35	2.98	4.56	5.94	251.5
KU-1818- 120	120.0	1.20	11.9	1.07	1.12	1.15	1.18	1.22	1.30	1.30	1.90	2.82	3.58	5.49	7.14	304.8
KU-1818- 144	144.0	1.44	13.5	1.07	1.12	1.15	1.18	1.22	1.30	1.55	2.26	3.36	4.27	6.54	8.51	365.8
KU-1818- 180	180.0	1.80	15.9	1.07	1.12	1.15	1.18	1.22	1.30	1.91	2.80	4.17	5.29	8.12	10.56	457.2
KU-1818- 240	240.0	2.40	19.9	1.07	1.12	1.15	1.18	1.22	1.30	2.52	3.70	5.51	7.00	10.75	13.98	609.6

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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