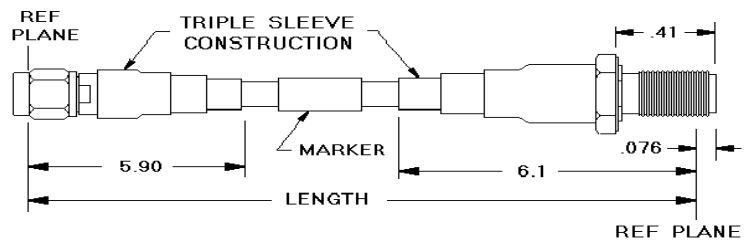


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.8 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.5 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, 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 ----->	560	360	240	130	110	90
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
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 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
CONNECTOR INTERFACE:	MIL-STD-348	HYBRID SMA



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	LP-389 FEP	BROWN TINT
MARKER:	MIL-I-23053	WHITE
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
CONNECTOR BODIES:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
CONNECTOR NUTS:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
SMA GASKET:	ZZ-R-765 SILICON RUBBER	RED
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		
WHU26-3638-0 18		18.0	0.00	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
WHU26-3638-0 24	S	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
WHU26-3638-0 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
WHU26-3638-0 26		26.0	0.26	4.5	1.10	1.15	1.20	1.25	1.30	1.35		0.51	0.73	0.92	1.37	1.78	2.28		66.0
WHU26-3638-0 27		27.0	0.27	4.5	1.10	1.15	1.20	1.25	1.30	1.35		0.53	0.75	0.95	1.42	1.83	2.35		68.6
WHU26-3638-0 28		28.0	0.28	4.6	1.10	1.15	1.20	1.25	1.30	1.35		0.54	0.78	0.98	1.46	1.89	2.43		71.1
WHU26-3638-0 29		29.0	0.29	4.6	1.10	1.15	1.20	1.25	1.30	1.35		0.56	0.80	1.01	1.50	1.95	2.50		73.7
WHU26-3638-0 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
WHU26-3638-0 32		32.0	0.32	4.8	1.10	1.15	1.20	1.25	1.30	1.35		0.60	0.87	1.09	1.64	2.12	2.72		81.3
WHU26-3638-0 34		34.0	0.34	4.9	1.10	1.15	1.20	1.25	1.30	1.35		0.63	0.91	1.15	1.72	2.23	2.87		86.4
WHU26-3638-0 36	S	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
WHU26-3638-0 39		39.0	0.39	5.2	1.10	1.15	1.20	1.25	1.30	1.35		0.70	1.02	1.29	1.94	2.52	3.24		99.1
WHU26-3638-0 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
WHU26-3638-0 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
WHU26-3638-0 48	S	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
WHU26-3638-0 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
WHU26-3638-0 60		60.4	0.60	6.4	1.10	1.15	1.20	1.25	1.30	1.35		1.03	1.50	1.90	2.88	3.74	4.82		153.3
WHU26-3638-0 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
WHU26-3638-0 72	S	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
WHU26-3638-0 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
WHU26-3638-0 96	S	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
WHU26-3638-0 99		99.0	0.99	8.7	1.10	1.15	1.20	1.25	1.30	1.35		1.60	2.36	3.00	4.57	5.94	7.67		251.5
WHU26-3638- 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
WHU26-3638- 120	S	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
WHU26-3638- 144	S	144.0	1.44	11.2	1.10	1.15	1.20	1.25	1.30	1.35		2.28	3.37	4.29	6.55	8.51	11.00		365.8
WHU26-3638- 180		180.0	1.80	13.3	1.10	1.15	1.20	1.25	1.30	1.35		2.82	4.18	5.31	8.13	10.56	13.66		457.2
WHU26-3638- 240		240.0	2.40	16.7	1.10	1.15	1.20	1.25	1.30	1.35		3.72	5.52	7.02	10.76	13.98	18.10		609.6
WHU26-3638- 300		300.0	3.00	20.2	1.10	1.15	1.20	1.25	1.30	1.35		4.61	6.86	8.73	13.39	17.40	22.53		762.0

S = STANDARD ITEM

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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