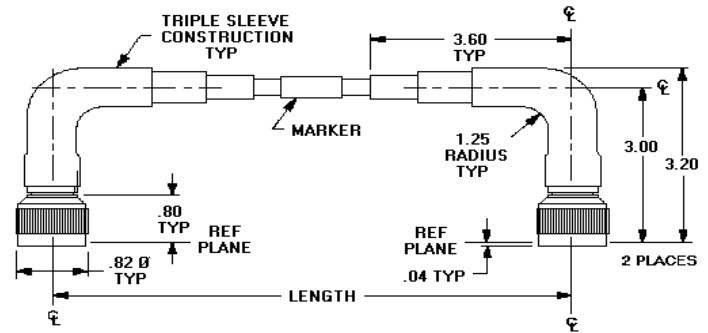


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, 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	6	12	18
MAX. CW WATTS ----->	213	145	97	76	49	38
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:	0.200 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

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
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	
WHU18-1919-0 18		18.0	0.25	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.32	0.46	0.68	0.85	1.28	1.66	45.7
WHU18-1919-0 24	P	24.0	0.25	5.6	1.07	1.12	1.15	1.18	1.22	1.30	0.39	0.55	0.81	1.02	1.54	2.00	61.0
WHU18-1919-0 25		25.0	0.25	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.40	0.57	0.83	1.05	1.58	2.06	63.5
WHU18-1919-0 26		26.0	0.26	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.41	0.58	0.86	1.07	1.63	2.12	66.0
WHU18-1919-0 27		27.0	0.27	5.8	1.07	1.12	1.15	1.18	1.22	1.30	0.42	0.60	0.88	1.10	1.67	2.17	68.6
WHU18-1919-0 28		28.0	0.28	5.8	1.07	1.12	1.15	1.18	1.22	1.30	0.43	0.61	0.90	1.13	1.71	2.23	71.1
WHU18-1919-0 29		29.0	0.29	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.44	0.63	0.92	1.16	1.76	2.29	73.7
WHU18-1919-0 30	P	30.0	0.30	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.45	0.64	0.95	1.19	1.80	2.35	76.2
WHU18-1919-0 31		31.0	0.31	6.0	1.07	1.12	1.15	1.18	1.22	1.30	0.46	0.65	0.97	1.22	1.85	2.40	78.7
WHU18-1919-0 32		32.0	0.32	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.47	0.67	0.99	1.25	1.89	2.46	81.3
WHU18-1919-0 33		33.0	0.33	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.48	0.68	1.01	1.27	1.93	2.52	83.8
WHU18-1919-0 34		34.0	0.34	6.2	1.07	1.12	1.15	1.18	1.22	1.30	0.49	0.70	1.03	1.30	1.98	2.57	86.4
WHU18-1919-0 35		35.0	0.35	6.2	1.07	1.12	1.15	1.18	1.22	1.30	0.50	0.71	1.06	1.33	2.02	2.63	88.9
WHU18-1919-0 36	P	36.0	0.36	6.3	1.07	1.12	1.15	1.18	1.22	1.30	0.51	0.73	1.08	1.36	2.07	2.69	91.4
WHU18-1919-0 39	P	39.0	0.39	6.5	1.07	1.12	1.15	1.18	1.22	1.30	0.54	0.77	1.15	1.45	2.20	2.86	99.1
WHU18-1919-0 42		42.0	0.42	6.6	1.07	1.12	1.15	1.18	1.22	1.30	0.57	0.82	1.21	1.53	2.33	3.03	106.7
WHU18-1919-0 45		45.4	0.45	6.8	1.07	1.12	1.15	1.18	1.22	1.30	0.60	0.87	1.29	1.63	2.48	3.22	115.2
WHU18-1919-0 48		48.0	0.48	7.0	1.07	1.12	1.15	1.18	1.22	1.30	0.63	0.91	1.35	1.70	2.59	3.37	121.9
WHU18-1919-0 54		54.0	0.54	7.3	1.07	1.12	1.15	1.18	1.22	1.30	0.69	1.00	1.48	1.87	2.85	3.71	137.2
WHU18-1919-0 60	P	60.0	0.60	7.7	1.07	1.12	1.15	1.18	1.22	1.30	0.75	1.09	1.62	2.04	3.12	4.06	152.4
WHU18-1919-0 66		66.0	0.66	8.0	1.07	1.12	1.15	1.18	1.22	1.30	0.81	1.18	1.75	2.21	3.38	4.40	167.6
WHU18-1919-0 72	P	72.0	0.72	8.3	1.07	1.12	1.15	1.18	1.22	1.30	0.87	1.27	1.88	2.39	3.64	4.74	182.9
WHU18-1919-0 78		78.0	0.78	8.7	1.07	1.12	1.15	1.18	1.22	1.30	0.93	1.36	2.02	2.56	3.91	5.08	198.1
WHU18-1919-0 84		84.0	0.84	9.0	1.07	1.12	1.15	1.18	1.22	1.30	1.00	1.45	2.15	2.73	4.17	5.43	213.4
WHU18-1919-0 96	P	96.0	0.96	9.7	1.07	1.12	1.15	1.18	1.22	1.30	1.12	1.63	2.42	3.07	4.70	6.11	243.8
WHU18-1919-0 99		99.0	0.99	9.9	1.07	1.12	1.15	1.18	1.22	1.30	1.15	1.67	2.49	3.16	4.83	6.28	251.5
WHU18-1919- 108		108.0	1.08	10.4	1.07	1.12	1.15	1.18	1.22	1.30	1.24	1.81	2.69	3.41	5.22	6.79	274.3
WHU18-1919- 120	P	120.0	1.20	11.1	1.07	1.12	1.15	1.18	1.22	1.30	1.36	1.99	2.96	3.75	5.75	7.48	304.8
WHU18-1919- 132		132.0	1.32	11.8	1.07	1.12	1.15	1.18	1.22	1.30	1.48	2.17	3.23	4.10	6.28	8.16	335.3
WHU18-1919- 144	P	144.0	1.44	12.5	1.07	1.12	1.15	1.18	1.22	1.30	1.61	2.35	3.50	4.44	6.80	8.85	365.8
WHU18-1919- 156		156.0	1.56	13.2	1.07	1.12	1.15	1.18	1.22	1.30	1.73	2.53	3.76	4.78	7.33	9.53	396.2
WHU18-1919- 168		168.0	1.68	13.9	1.07	1.12	1.15	1.18	1.22	1.30	1.85	2.71	4.03	5.12	7.85	10.22	426.7
WHU18-1919- 180		180.0	1.80	14.5	1.07	1.12	1.15	1.18	1.22	1.30	1.97	2.89	4.30	5.46	8.38	10.90	457.2
WHU18-1919- 240		240.0	2.40	18.0	1.07	1.12	1.15	1.18	1.22	1.30	2.58	3.79	5.64	7.17	11.01	14.32	609.6
WHU18-1919- 480		480.0	4.80	31.7	1.07	1.12	1.15	1.18	1.22	1.30	5.03	7.38	11.01	14.02	21.54	28.01	1219.2
WHU18-1919- 840		840.0	8.40	52.4	1.07	1.12	1.15	1.18	1.22	1.30	8.69	12.77	19.06	24.28	37.32	48.55	2133.6

P = PREFERRED LENGTHS

MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM PLUS 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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