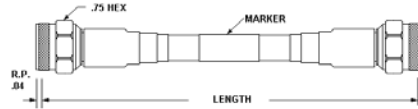


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH					
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	
MINIMUM 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	



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	LP-389 FEP	BROWN TINT
MARKER:	MIL-I-23053	GREEN
BOOTS:	MIL-I-23053	BLACK
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	

NOTE: THE ELECTRICAL SPECIFICATIONS ARE TYPICAL FOR ASSEMBLIES LONGER 360 INCHES.

PART NUMBER		LENGTH	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						
WHU18-1818- 018		18.0	0.20	4.9	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				
WHU18-1818- 020		20.0	0.20	5.0	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				
WHU18-1818- 024	D	24.0	0.24	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	61.0				
WHU18-1818- 025		25.0	0.25	5.3	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				
WHU18-1818- 026		26.0	0.26	5.4	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				
WHU18-1818- 027		27.0	0.27	5.4	1.07	1.12	1.15	1.18	1.22	1.30	0.35	0.51	0.74	0.93	1.41	1.83	68.6				
WHU18-1818- 028		28.0	0.28	5.5	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				
WHU18-1818- 029		29.0	0.29	5.5	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				
WHU18-1818- 030	D	30.0	0.30	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	76.2				
WHU18-1818- 031		31.0	0.31	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	78.7				
WHU18-1818- 032		32.0	0.32	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	81.3				
WHU18-1818- 033		33.0	0.33	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	83.8				
WHU18-1818- 034		34.0	0.34	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	86.4				
WHU18-1818- 035		35.0	0.35	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	88.9				
WHU18-1818- 036	D	36.0	0.36	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	91.4				
WHU18-1818- 037		37.0	0.37	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	94.0				
WHU18-1818- 039		39.0	0.39	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	99.1				
WHU18-1818- 040	D	40.0	0.40	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	102				
WHU18-1818- 041		41.0	0.41	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	104				
WHU18-1818- 042		42.0	0.42	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	107				
WHU18-1818- 045		45.0	0.45	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	114				
WHU18-1818- 046		46.0	0.46	6.5	1.07	1.12	1.15	1.18	1.22	1.30	0.55	0.79	1.17	1.47	2.24	2.92	117				
WHU18-1818- 047		47.0	0.47	6.6	1.07	1.12	1.15	1.18	1.22	1.30	0.56	0.80	1.19	1.50	2.28	2.97	119				
WHU18-1818- 048	D	48.0	0.48	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	122				
WHU18-1818- 050		50.0	0.50	6.7	1.07	1.12	1.15	1.18	1.22	1.30	0.59	0.85	1.26	1.59	2.42	3.14	127				
WHU18-1818- 051		51.0	0.51	6.8	1.07	1.12	1.15	1.18	1.22	1.30	0.60	0.86	1.28	1.62	2.46	3.20	130				
WHU18-1818- 052		52.0	0.52	6.9	1.07	1.12	1.15	1.18	1.22	1.30	0.61	0.88	1.30	1.64	2.50	3.26	132				
WHU18-1818- 054		54.0	0.54	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	137				
WHU18-1818- 059		59.0	0.59	7.3	1.07	1.12	1.15	1.18	1.22	1.30	0.68	0.98	1.46	1.84	2.81	3.66	150				
WHU18-1818- 060	D	60.0	0.60	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	152				
WHU18-1818- 063		63.0	0.63	7.5	1.07	1.12	1.15	1.18	1.22	1.30	0.72	1.04	1.55	1.96	2.99	3.89	160				
WHU18-1818- 072	D	72.0	0.72	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	183				
WHU18-1818- 079		79.0	0.79	8.4	1.07	1.12	1.15	1.18	1.22	1.30	0.88	1.28	1.91	2.41	3.69	4.80	201				
WHU18-1818- 080		80.0	0.80	8.5	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				
WHU18-1818- 082		82.0	0.82	8.6	1.07	1.12	1.15	1.18	1.22	1.30	0.91	1.33	1.97	2.50	3.82	4.97	208				
WHU18-1818- 084	D	84.0	0.84	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	213				
WHU18-1818- 096		96.0	0.96	9.4	1.07	1.12	1.15	1.18	1.22	1.30	1.06	1.54	2.29	2.90	4.43	5.77	244				
WHU18-1818- 098		98.0	0.98	9.5	1.07	1.12	1.15	1.18	1.22	1.30	1.08	1.57	2.33	2.96	4.52	5.88	249				
WHU18-1818- 099		99.0	0.99	9.6	1.07	1.12	1.15	1.18	1.22	1.30	1.09	1.58	2.35	2.98	4.56	5.94	252				
WHU18-1818- 108		108.0	1.08	10.1	1.07	1.12	1.15	1.18	1.22	1.30	1.18	1.72	2.56	3.24	4.96	6.45	274				
WHU18-1818- 118		118.0	1.18	10.6	1.07	1.12	1.15	1.18	1.22	1.30	1.28	1.87	2.78	3.53	5.40	7.02	300				
WHU18-1818- 120		120.0	1.20	10.8	1.07	1.12	1.15	1.18	1.22	1.30	1.30	1.90	2.82	3.58	5.49	7.14	305				
WHU18-1818- 144		144.0	1.44	12.1	1.07	1.12	1.15	1.18	1.22	1.30	1.55	2.26	3.36	4.27	6.54	8.51	366				
WHU18-1818- 156		156.0	1.56	12.8	1.07	1.12	1.15	1.18	1.22	1.30	1.67	2.44	3.63	4.61	7.06	9.19	396				
WHU18-1818- 168		168.0	1.68	13.5	1.07	1.12	1.15	1.18	1.22	1.30	1.79	2.62	3.90	4.95	7.59	9.87	427				
WHU18-1818- 180		180.0	1.80	14.2	1.10	1.15	1.20	1.25	1.30	1.35	1.91	2.80	4.17	5.29	8.12	10.56	457				
WHU18-1818- 192		192.0	1.92	14.9	1.10	1.15	1.20	1.25	1.30	1.35	2.03	2.98	4.43	5.64	8.64	11.24	488				
WHU18-1818- 197		197.0	1.97	15.2	1.10	1.15	1.20	1.25	1.30	1.35	2.08	3.05	4.55	5.78	8.86	11.53	500				
WHU18-1818- 200		200	2.0	15.3	1.10	1.15	1.20	1.25	1.30	1.35	2.12	3.10	4.61	5.86	8.99	11.70	508				
WHU18-1818- 216		216	2.2	16.3	1.10	1.15	1.20	1.25	1.30	1.35	2.28	3.34	4.97	6.32	9.70	12.61	549				
WHU18-1818- 240		240	2.4	17.6	1.10	1.15	1.20	1.25	1.30	1.35	2.52	3.70	5.51	7.00	10.75	13.98	610				
WHU18-1818- 275		275	2.8	19.6	1.10	1.15	1.20	1.25	1.30	1.35	2.88	4.22	6.29	8.00	12.28	15.98	699				
WHU18-1818- 300		300	3.0	21.1	1.10	1.15	1.20	1.25	1.30	1.35	3.13	4.59	6.85	8.71	13.38	17.40	762				
WHU18-1818- 312		312	3.1	21.8	1.10	1.15	1.20	1.25	1.30	1.35	3.25	4.77	7.12	9.06	13.91	18.09	793				
WHU18-1818- 360		360	3.6	24.5	1.10	1.15	1.20	1.25	1.30	1.35	3.74	5.49	8.19	10.42	16.01	20.83	914				
WHU18-1818- 384		384	3.8	25.9	1.10	1.15	1.20	1.25	1.30	1.35	3.99	5.85	8.73	11.11	17.06	22.20	975				
WHU18-1818- 394		394	3.9	26.5	1.10	1.15	1.20	1.25	1.30	1.35	4.09	6.00	8.95	11.39	17.50	22.77	1001				
WHU18-1818- 400		400	4.0	26.8	1.10	1.15	1.20	1.25	1.30	1.35	4.15	6.09	9.09	11.56	17.76	23.11	1016				
WHU18-1818- 420		420	4.2	28.0	1.10	1.15	1.20	1.25	1.30	1.35	4.35	6.39	9.53	12.13	18.64	24.25	1067				
WHU18-1818- 456		456	4.6	30.0	1.10	1.15	1.20	1.25	1.30	1.35	4.72	6.93	10.34	13.16	20.22	26.30	1158				
WHU18-1818- 472		472	4.7	30.9	1.10	1.15	1.20	1.25	1.30	1.35	4.88	7.17	10.70	13.62	20.92	27.22	1199				
WHU18-1818- 480		480	4.8	31.4	1.10	1.15	1.20	1.25	1.30	1.35	4.96	7.29	10.88	13.84	21.27	27.67	1219				
WHU18-1818- 576		576	5.8	36.9	1.10	1.15	1.20	1.25	1.30	1.35	5.94	8.73	13.02	16.58	25.48	33.15	1463				
WHU18-1818- 590		590	5.9	37.7	1.10	1.15	1.20	1.25	1.30	1.35	6.08	8.94	13.34	16.98	26.10	33.95	1499				
WHU18-1818- 600		600	6.0	38.3	1.10	1.15	1.20	1.25	1.30	1.35	6.19	9.09	13.56	17.26	26.54	34.52	1524				
WHU18-1818- 700		700	7.0	44.0	1.10	1.15	1.20	1.25	1.30	1.35	7.20	10.59	15.80	20.12	30.92	40.22	1778				
WHU18-1818- 720		720	7.2	45.2	1.10	1.15	1.20	1.25	1.30	1.35	7.41	10.89	16.24	20.69	31.80	41.36	1829				
WHU18-1818- 787		787	7.9	49.0	1.10	1.15	1.20	1.25	1.30	1.35	8.09	11.89	17.74	22.59	34.74	45.18	1999				
WHU18-1818- 985		985	9.9	60.3	1.10	1.15	1.20	1.25	1.30	1.35	10.10	14.86	22.12	28.24	43.42	56.48	2502				
WHU18-1818- 1200		1200	12	72.7	1.10	1.15	1.20	1.25	1.30	1.35	12.29	18.08	26.98	34.37	52.85	68.74	3048				
WHU18-1818- 1260		1260	13	76.1	1.10	1.15	1.20	1.25	1.30	1.35	12.90	18.98	28.32	36.08	55.48	72.16	3200				
WHU18-1818- 2400		2400																			