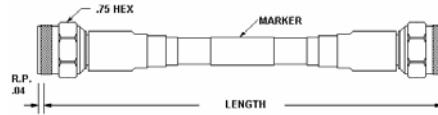


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY,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

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		
WHU18-1818- 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- 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