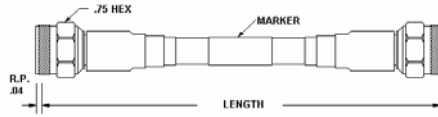


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.7 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY,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

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