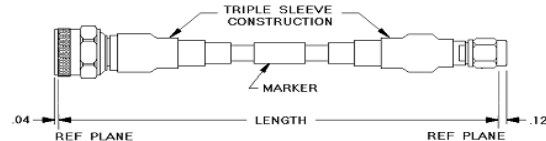


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.8 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.5 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH					
F (IN GHz) ----->	1	2	4	6	12	18
MAX. CW WATTS ----->	360	245	164	129	84	64
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
SMA CONNECTOR INTERFACES:	MIL-STD-348 QMI HYBRID SMA
N CONNECTOR INTERFACES:	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 D1710 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 SILICONE RUBBER	NONE
THE 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			
WHU18-1836- 018	18.0	0.25	4.4	1.07	1.12	1.15	1.18	1.22	1.30	0.28	0.39	0.56	0.70	1.04	1.34	45.7		
WHU18-1836- 024	24.0	0.25	4.8	1.07	1.12	1.15	1.18	1.22	1.30	0.34	0.48	0.70	0.87	1.31	1.68	61.0		
WHU18-1836- 025	25.0	0.25	4.8	1.07	1.12	1.15	1.18	1.22	1.30	0.35	0.50	0.72	0.90	1.35	1.74	63.5		
WHU18-1836- 026	26.0	0.26	4.9	1.07	1.12	1.15	1.18	1.22	1.30	0.36	0.51	0.74	0.92	1.39	1.80	66.0		
WHU18-1836- 027	27.0	0.27	4.9	1.07	1.12	1.15	1.18	1.22	1.30	0.37	0.53	0.76	0.95	1.44	1.85	68.6		
WHU18-1836- 028	28.0	0.28	5.0	1.07	1.12	1.15	1.18	1.22	1.30	0.38	0.54	0.79	0.98	1.48	1.91	71.1		
WHU18-1836- 029	29.0	0.29	5.0	1.07	1.12	1.15	1.18	1.22	1.30	0.40	0.56	0.81	1.01	1.52	1.97	73.7		
WHU18-1836- 030	30.0	0.30	5.1	1.07	1.12	1.15	1.18	1.22	1.30	0.41	0.57	0.83	1.04	1.57	2.02	76.2		
WHU18-1836- 031	31.0	0.31	5.2	1.07	1.12	1.15	1.18	1.22	1.30	0.42	0.59	0.85	1.07	1.61	2.08	78.7		
WHU18-1836- 032	32.0	0.32	5.2	1.07	1.12	1.15	1.18	1.22	1.30	0.43	0.60	0.88	1.09	1.66	2.14	81.3		
WHU18-1836- 033	33.0	0.33	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.44	0.62	0.90	1.12	1.70	2.19	83.8		
WHU18-1836- 034	34.0	0.34	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.45	0.63	0.92	1.15	1.74	2.25	86.4		
WHU18-1836- 035	35.0	0.35	5.4	1.07	1.12	1.15	1.18	1.22	1.30	0.46	0.65	0.94	1.18	1.79	2.31	88.9		
WHU18-1836- 036	36.0	0.36	5.4	1.07	1.12	1.15	1.18	1.22	1.30	0.47	0.66	0.97	1.21	1.83	2.37	91.4		
WHU18-1836- 037	37.0	0.37	5.5	1.07	1.12	1.15	1.18	1.22	1.30	0.48	0.67	0.99	1.24	1.88	2.42	94.0		
WHU18-1836- 038	38.0	0.38	5.6	1.07	1.12	1.15	1.18	1.22	1.30	0.49	0.69	1.01	1.27	1.92	2.48	96.5		
WHU18-1836- 039	39.4	0.39	5.6	1.07	1.12	1.15	1.18	1.22	1.30	0.50	0.71	1.04	1.30	1.98	2.56	100.0		
WHU18-1836- 040	40.0	0.40	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.51	0.72	1.05	1.32	2.01	2.59	101.6		
WHU18-1836- 041	41.0	0.41	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.52	0.73	1.08	1.35	2.05	2.65	104.1		
WHU18-1836- 042	42.0	0.42	5.8	1.07	1.12	1.15	1.18	1.22	1.30	0.53	0.75	1.10	1.38	2.10	2.71	106.7		
WHU18-1836- 043	43.0	0.43	5.8	1.07	1.12	1.15	1.18	1.22	1.30	0.54	0.76	1.12	1.41	2.14	2.76	109.2		
WHU18-1836- 044	44.0	0.44	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.55	0.78	1.14	1.44	2.18	2.82	111.8		
WHU18-1836- 045	45.0	0.45	6.0	1.07	1.12	1.15	1.18	1.22	1.30	0.56	0.79	1.17	1.47	2.23	2.88	114.3		
WHU18-1836- 046	46.0	0.46	6.0	1.07	1.12	1.15	1.18	1.22	1.30	0.57	0.81	1.19	1.49	2.27	2.94	116.8		
WHU18-1836- 047	47.0	0.47	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.58	0.82	1.21	1.52	2.31	2.99	119.4		
WHU18-1836- 048	48.0	0.48	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.59	0.84	1.23	1.55	2.36	3.05	121.9		
WHU18-1836- 051	51.0	0.51	6.3	1.07	1.12	1.15	1.18	1.22	1.30	0.62	0.88	1.30	1.64	2.49	3.22	129.5		
WHU18-1836- 054	54.0	0.54	6.5	1.07	1.12	1.15	1.18	1.22	1.30	0.65	0.93	1.37	1.72	2.62	3.39	137.2		
WHU18-1836- 057	57.0	0.57	6.6	1.07	1.12	1.15	1.18	1.22	1.30	0.68	0.97	1.43	1.81	2.75	3.56	144.8		
WHU18-1836- 059	59.0	0.59	6.8	1.07	1.12	1.15	1.18	1.22	1.30	0.70	1.00	1.48	1.86	2.84	3.68	149.9		
WHU18-1836- 060	60.0	0.60	6.8	1.07	1.12	1.15	1.18	1.22	1.30	0.71	1.02	1.50	1.89	2.88	3.73	152.4		
WHU18-1836- 063	63.0	0.63	7.0	1.07	1.12	1.15	1.18	1.22	1.30	0.74	1.06	1.57	1.98	3.02	3.91	160.0		
WHU18-1836- 066	66.0	0.66	7.2	1.07	1.12	1.15	1.18	1.22	1.30	0.77	1.11	1.64	2.06	3.15	4.08	167.6		
WHU18-1836- 069	69.0	0.69	7.3	1.07	1.12	1.15	1.18	1.22	1.30	0.80	1.15	1.70	2.15	3.28	4.25	175.3		
WHU18-1836- 072	72.0	0.72	7.5	1.07	1.12	1.15	1.18	1.22	1.30	0.83	1.20	1.77	2.23	3.41	4.42	182.9		
WHU18-1836- 079	78.7	0.79	7.9	1.07	1.12	1.15	1.18	1.22	1.30	0.90	1.30	1.92	2.43	3.71	4.80	200.0		
WHU18-1836- 080	80.0	0.80	8.0	1.07	1.12	1.15	1.18	1.22	1.30	0.91	1.32	1.95	2.46	3.76	4.88	203.2		
WHU18-1836- 082	82.0	0.82	8.1	1.07	1.12	1.15	1.18	1.22	1.30	0.93	1.35	1.99	2.52	3.85	4.99	208.3		
WHU18-1836- 084	84.0	0.84	8.2	1.07	1.12	1.15	1.18	1.22	1.30	0.95	1.38	2.04	2.58	3.94	5.10	213.4		
WHU18-1836- 090	90.0	0.90	8.5	1.07	1.12	1.15	1.18	1.22	1.30	1.02	1.47	2.17	2.75	4.20	5.45	228.6		
WHU18-1836- 096	96.0	0.96	8.9	1.07	1.12	1.15	1.18	1.22	1.30	1.08	1.56	2.31	2.92	4.46	5.79	243.8		
WHU18-1836- 099	99.0	0.99	9.1	1.07	1.12	1.15	1.18	1.22	1.30	1.11	1.60	2.37	3.00	4.59	5.96	251.5		
WHU18-1836- 102	102.0	1.02	9.2	1.07	1.12	1.15	1.18	1.22	1.30	1.14	1.65	2.44	3.09	4.73	6.13	259.1		
WHU18-1836- 105	105.0	1.05	9.4	1.07	1.12	1.15	1.18	1.22	1.30	1.17	1.69	2.51	3.18	4.86	6.30	266.7		
WHU18-1836- 108	108.0	1.08	9.6	1.07	1.12	1.15	1.18	1.22	1.30	1.20	1.74	2.58	3.26	4.99	6.47	274.3		
WHU18-1836- 118	118.1	1.18	10.1	1.07	1.12	1.15	1.18	1.22	1.30	1.30	1.89	2.80	3.55	5.43	7.05	300.0		
WHU18-1836- 120	120.0	1.20	10.3	1.07	1.12	1.15	1.18	1.22	1.30	1.32	1.92	2.84	3.60	5.52	7.16	304.8		
WHU18-1836- 126	126.0	1.26	10.6	1.07	1.12	1.15	1.18	1.22	1.30	1.38	2.01	2.98	3.77	5.78	7.50	320.0		
WHU18-1836- 132	132.0	1.32	10.9	1.07	1.12	1.15	1.18	1.22	1.30	1.44	2.10	3.11	3.94	6.04	7.84	335.3		
WHU18-1836- 138	138.0	1.38	11.3	1.07	1.12	1.15	1.18	1.22	1.30	1.50	2.19	3.25	4.12	6.31	8.18	350.5		
WHU18-1836- 144	144.0	1.44	11.6	1.07	1.12	1.15	1.18	1.22	1.30	1.57	2.28	3.38	4.29	6.57	8.53	365.8		
WHU18-1836- 156	157.5	1.57	12.4	1.10	1.15	1.20	1.25	1.30	1.35	1.70	2.48	3.68	4.67	7.16	9.29	400.0		
WHU18-1836- 168	168.0	1.68	13.0	1.10	1.15	1.20	1.25	1.30	1.35	1.81	2.64	3.92	4.97	7.62	9.89	426.7		
WHU18-1836- 180	180.0	1.80	13.7	1.10	1.15	1.20	1.25	1.30	1.35	1.93	2.82	4.19	5.31	8.15	10.58	457.2		
WHU18-1836- 192	192.0	1.92	14.4	1.10	1.15	1.20	1.25	1.30	1.35	2.05	3.00	4.45	5.66	8.67	11.26	487.7		
WHU18-1836- 197	197.0	1.97	14.7	1.10	1.15	1.20	1.25	1.30	1.35	2.10	3.07	4.57	5.80	8.89	11.55	500.4		
WHU18-1836- 209	209.0	2.09	15.4	1.10	1.15	1.20	1.25	1.30	1.35	2.23	3.25	4.83	6.14	9.42	12.23	530.9		
WHU18-1836- 240	240.0	2.40	17.1	1.10	1.15	1.20	1.25	1.30	1.35	2.54	3.72	5.53	7.02	10.78	14.00	609.6		
WHU18-1836- 250	250.0	2.50	17.7	1.10	1.15	1.20	1.25	1.30	1.35	2.64	3.87	5.75	7.31	11.22	14.57	635.0		
WHU18-1836- 275	275.0	2.75	19.1	1.10	1.15	1.20	1.25	1.30	1.35	2.90	4.24	6.31	8.02	12.31	16.00	698.5		
WHU18-1836- 300	300.0	3.00	20.6	1.10	1.15	1.20	1.25	1.30	1.35	3.15	4.61	6.87	8.73	13.41	17.42	762.0		
WHU18-1836- 480	480.0	4.80	30.9	1.10	1.15	1.20	1.25	1.30	1.35	4.98	7.31	10.90	13.86	21.30	27.69	1219.2		
WHU18-1836- 720	720.0	7.20	44.7	1.10	1.15	1.20	1.25	1.30	1.35	7.43	10.91	16.26	20.71	31.83	41.38	1828.2		