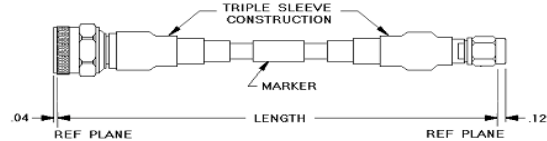


ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE, NOMINAL:	28.8 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.5 %
RELATIVE SHIELDING:	-100.0 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT
ELECTRICAL 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							

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