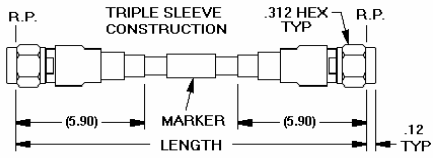
ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:				50	OHMS	
CAPACITANCE NOMINAL:				28.8	pf/FOOT	
VELOCITY OF PROPAGATION, NOMINAL:				70.5	%	
RELATIVE SHIELDING:				> -100	dB MIN.	
INSULATION RESISTANCE:				1000	MEGOHMS MIN.	
DIELECTRIC WITHSTANDING VOLTAGE:				1000	VRMS MIN.	
ELECTRICAL DELAY, NOMINAL:				1.44	ns/FOOT	
ELECTRICAL DELAY, NOMINAL:				120	ps/INCH	
PULSE RF POWER:				1250	WATTS MAX.	
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)						
F (IN GHz) ---------->	1	2	4	6	12	18
MAX. CW WATTS -------->	213	145	97	76	49	38

MECHANICAL SPECIFICATIONS:		
CABLE MAX. DIAMETER:	0.200	INCHES
MINIMUM BEND RADIUS:	4.00	INCHES
CONNECTOR RETENTION:	75	POUNDS MIN.
TEMPERATURE RANGE:	-55 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-348	HYBRID SMA



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
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
CONTACTS:	ASTM B196 BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM D1457 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
GASKETS:	ZZ-R-765 SILICON RUBBER	RED
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	
WHU18-3636-0 18		18.0	0.18	3.3	1.07	1.12	1.15	1.18	1.22	1.30	0.26	0.36	0.52	0.65	0.97	1.25	45.7
WHU18-3636-0 20		20.0	0.20	3.4	1.07	1.12	1.15	1.18	1.22	1.30	0.28	0.39	0.57	0.70	1.06	1.37	50.8
WHU18-3636-0 22		22.0	0.22	3.5	1.07	1.12	1.15	1.18	1.22	1.30	0.30	0.42	0.61	0.76	1.15	1.48	55.9
WHU18-3636-0 23		23.0	0.23	3.6	1.07	1.12	1.15	1.18	1.22	1.30	0.31	0.44	0.63	0.79	1.19	1.54	58.4
WHU18-3636-0 24	D	24.0	0.24	3.7	1.07	1.12	1.15	1.18	1.22	1.30	0.32	0.45	0.66	0.82	1.24	1.60	61.0
WHU18-3636-0 25		25.0	0.25	3.7	1.07	1.12	1.15	1.18	1.22	1.30	0.33	0.47	0.68	0.85	1.28	1.65	63.5
WHU18-3636-0 26		26.0	0.26	3.8	1.07	1.12	1.15	1.18	1.22	1.30	0.34	0.48	0.70	0.87	1.32	1.71	66.0
WHU18-3636-0 27		27.0	0.27	3.8	1.07	1.12	1.15	1.18	1.22	1.30	0.35	0.50	0.72	0.90	1.37	1.77	68.6
WHU18-3636-0 28		28.0	0.28	3.9	1.07	1.12	1.15	1.18	1.22	1.30	0.36	0.51	0.75	0.93	1.41	1.82	71.1
WHU18-3636-0 29		29.0	0.29	3.9	1.07	1.12	1.15	1.18	1.22	1.30	0.38	0.53	0.77	0.96	1.46	1.88	73.7
WHU18-3636-0 30	D	30.0	0.30	4.0	1.07	1.12	1.15	1.18	1.22	1.30	0.39	0.54	0.79	0.99	1.50	1.94	76.2
WHU18-3636-0 31		31.0	0.31	4.1	1.07	1.12	1.15	1.18	1.22	1.30	0.40	0.56	0.81	1.02	1.54	2.00	78.7
WHU18-3636-0 32		32.0	0.32	4.1	1.07	1.12	1.15	1.18	1.22	1.30	0.41	0.57	0.84	1.05	1.59	2.05	81.3
WHU18-3636-0 33		33.0	0.33	4.2	1.07	1.12	1.15	1.18	1.22	1.30	0.42	0.59	0.86	1.07	1.63	2.11	83.8
WHU18-3636-0 34		34.0	0.34	4.2	1.07	1.12	1.15	1.18	1.22	1.30	0.43	0.60	0.88	1.10	1.67	2.17	86.4
WHU18-3636-0 35		35.0	0.35	4.3	1.07	1.12	1.15	1.18	1.22	1.30	0.44	0.62	0.90	1.13	1.72	2.22	88.9
WHU18-3636-0 36	D	36.0	0.36	4.3	1.07	1.12	1.15	1.18	1.22	1.30	0.45	0.63	0.93	1.16	1.76	2.28	91.4
WHU18-3636-0 39		39.0	0.39	4.5	1.07	1.12	1.15	1.18	1.22	1.30	0.48	0.68	0.99	1.25	1.89	2.45	99.1
WHU18-3636-0 40		40.0	0.40	4.6	1.07	1.12	1.15	1.18	1.22	1.30	0.49	0.69	1.01	1.27	1.94	2.51	102
WHU18-3636-0 42		42.0	0.42	4.7	1.07	1.12	1.15	1.18	1.22	1.30	0.51	0.72	1.06	1.33	2.03	2.62	107
WHU18-3636-0 44		44.0	0.44	4.8	1.07	1.12	1.15	1.18	1.22	1.30	0.53	0.75	1.10	1.39	2.11	2.74	112
WHU18-3636-0 45		45.0	0.45	4.9	1.07	1.12	1.15	1.18	1.22	1.30	0.54	0.77	1.13	1.42	2.16	2.79	114
WHU18-3636-0 48	D	48.0	0.48	5.0	1.07	1.12	1.15	1.18	1.22	1.30	0.57	0.81	1.19	1.50	2.29	2.97	122
WHU18-3636-0 49		51.0	0.51	5.2	1.07	1.12	1.15	1.18	1.22	1.30	0.60	0.86	1.26	1.59	2.42	3.14	130
WHU18-3636-0 50		50.0	0.50	5.1	1.07	1.12	1.15	1.18	1.22	1.30	0.59	0.84	1.24	1.56	2.38	3.08	127
WHU18-3636-0 51		51.0	0.51	5.2	1.07	1.12	1.15	1.18	1.22	1.30	0.60	0.86	1.26	1.59	2.42	3.14	130
WHU18-3636-0 53		53.0	0.53	5.3	1.07	1.12	1.15	1.18	1.22	1.30	0.62	0.89	1.31	1.64	2.51	3.25	135
WHU18-3636-0 54		54.0	0.54	5.4	1.07	1.12	1.15	1.18	1.22	1.30	0.63	0.90	1.33	1.67	2.55	3.31	137
WHU18-3636-0 59		59.0	0.59	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.68	0.98	1.44	1.82	2.77	3.59	150
WHU18-3636-0 60	D	60.0	0.60	5.7	1.07	1.12	1.15	1.18	1.22	1.30	0.69	0.99	1.46	1.84	2.82	3.65	152
WHU18-3636-0 63		63.0	0.63	5.9	1.07	1.12	1.15	1.18	1.22	1.30	0.72	1.04	1.53	1.93	2.95	3.82	160
WHU18-3636-0 66		66.0	0.66	6.1	1.07	1.12	1.15	1.18	1.22	1.30	0.75	1.08	1.60	2.01	3.08	3.99	168
WHU18-3636-0 72		72.0	0.72	6.4	1.07	1.12	1.15	1.18	1.22	1.30	0.81	1.17	1.73	2.19	3.34	4.33	183
WHU18-3636-0 76		76.0	0.76	6.6	1.07	1.12	1.15	1.18	1.22	1.30	0.85	1.23	1.82	2.30	3.52	4.56	193
WHU18-3636-0 78		78.0	0.78	6.7	1.07	1.12	1.15	1.18	1.22	1.30	0.87	1.26	1.86	2.36	3.60	4.68	198
WHU18-3636-0 79		79.0	0.79	6.8	1.07	1.12	1.15	1.18	1.22	1.30	0.88	1.28	1.89	2.39	3.65	4.73	201
WHU18-3636-0 80		80.0	0.80	6.9	1.10	1.15	1.20	1.25	1.30	1.35	0.89	1.29	1.91	2.41	3.69	4.79	203
WHU18-3636-0 82		82.0	0.82	7.0	1.10	1.15	1.20	1.25	1.30	1.35	0.91	1.32	1.95	2.47	3.78	4.90	208
WHU18-3636-0 84		84.0	0.84	7.1	1.10	1.15	1.20	1.25	1.30	1.35	0.93	1.35	2.00	2.53	3.87	5.02	213
WHU18-3636-0 96		96.0	0.96	7.8	1.10	1.15	1.20	1.25	1.30	1.35	1.06	1.53	2.27	2.87	4.39	5.70	244
WHU18-3636-0 99		99.0	0.99	8.0	1.10	1.15	1.20	1.25	1.30	1.35	1.09	1.58	2.33	2.96	4.53	5.87	252
WHU18-3636- 108		108.0	1.08	8.5	1.10	1.15	1.20	1.25	1.30	1.35	1.18	1.71	2.54	3.21	4.92	6.39	274
WHU18-3636- 118		118.0	1.18	9.0	1.10	1.15	1.20	1.25	1.30	1.35	1.28	1.86	2.76	3.50	5.36	6.96	300
WHU18-3636- 120		120.0	1.20	9.2	1.10	1.15	1.20	1.25	1.30	1.35	1.30	1.89	2.80	3.55	5.45	7.07	305
WHU18-3636- 124		124.0	1.24	9.4	1.10	1.15	1.20	1.25	1.30	1.35	1.34	1.95	2.89	3.67	5.62	7.30	315
WHU18-3636- 132		132.0	1.32	9.8	1.10	1.15	1.20	1.25	1.30	1.35	1.42	2.07	3.07	3.90	5.97	7.76	335
WHU18-3636- 136		136.0	1.36	10.1	1.10	1.15	1.20	1.25	1.30	1.35	1.46	2.13	3.16	4.01	6.15	7.98	345
WHU18-3636- 144		144.0	1.44	10.5	1.10	1.15	1.20	1.25	1.30	1.35	1.55	2.25	3.34	4.24	6.50	8.44	366
WHU18-3636- 172		172.0	1.72	12.1	1.10	1.15	1.20	1.25	1.30	1.35	1.83	2.67	3.97	5.04	7.73	10.04	437
WHU18-3636- 180		180.0	1.80	12.6	1.10	1.15	1.20	1.25	1.30	1.35	1.91	2.79	4.15	5.26	8.08	10.49	457
WHU18-3636- 192		192.0	1.92	13.3	1.10	1.15	1.20	1.25	1.30	1.35	2.03	2.97	4.41	5.61	8.60	11.18	488
WHU18-3636- 197		197.0	1.97	13.6	1.10	1.15	1.20	1.25	1.30	1.35	2.08	3.04	4.53	5.75	8.82	11.46	500
WHU18-3636- 204		204.0	2.04	14.0	1.10	1.15	1.20	1.25	1.30	1.35	2.16	3.15	4.68	5.95	9.13	11.86	518
WHU18-3636- 208		208.0	2.08	14.2	1.10	1.15	1.20	1.25	1.30	1.35	2.20	3.21	4.77	6.06	9.31	12.09	528
WHU18-3636- 225		225.0	2.25	15.2	1.10	1.15	1.20	1.25	1.30	1.35	2.37	3.46	5.15	6.55	10.05	13.06	572
WHU18-3636- 236		236.0	2.36	15.8	1.10	1.15	1.20	1.25	1.30	1.35	2.48	3.63	5.40	6.86	10.53	13.69	599
WHU18-3636- 240		240.0	2.40	16.0	1.10	1.15	1.20	1.25	1.30	1.35	2.52	3.69	5.49	6.97	10.71	13.92	610
WHU18-3636- 241		241.0	2.41	16.1	1.10	1.15	1.20	1.25	1.30	1.35	2.53	3.70	5.51	7.00	10.75	13.97	612
WHU18-3636- 252		252.0	2.52	16.7	1.10	1.15	1.20	1.25	1.30	1.35	2.64	3.87	5.76	7.32	11.24	14.60	640
WHU18-3636- 260		260.0	2.60	17.2	1.10	1.15	1.20	1.25	1.30	1.35	2.73	3.99	5.94	7.54	11.59	15.06	660
WHU18-3636- 276		276.0	2.76	18.1	1.10	1.15	1.20	1.25	1.30	1.35	2.89	4.23	6.29	8.00	12.29	15.97	701
WHU18-3636- 288		288.0	2.88	18.8	1.10	1.15	1.20	1.25	1.30	1.35	3.01	4.41	6.56	8.34	12.81	16.66	732
WHU18-3636- 300		300.0	3.00	19.5	1.10	1.15	1.20	1.25	1.30	1.35	3.13	4.59	6.83	8.68	13.34	17.34	762
WHU18-3636- 312		312.0	3.12	20.2	1.10	1.15	1.20	1.25	1.30	1.35	3.25	4.77	7.10	9.03	13.87	18.02	793
WHU18-3636- 336		336.0	3.36	21.5	1.10	1.15	1.20	1.25	1.30	1.35	3.50	5.13	7.64	9.71	14.92	19.39	853
WHU18-3636- 360		360.0	3.60	22.9	1.10	1.15	1.20	1.25	1.30	1.35	3.74	5.49	8.17	10.39	15.97	20.76	914
WHU18-3636- 384		384.0	3.84	24.3	1.10	1.15	1.20	1.25	1.30	1.35	3.99	5.84	8.71	11.08	17.02	22.13	975
WHU18-3636- 408		408.0	4.08	25.7	1.10	1.15	1.20	1.25	1.30	1.35	4.23	6.20	9.25	11.76	18.08	23.50	1036
WHU18-3636- 420		420.0	4.20	26.4	1.10	1.15	1.20	1.25	1.30	1.35	4.35	6.38	9.51	12.11	18.60	24.18	1067
WHU18-3636- 432		432.0	4.32	27.0	1.10	1.15	1.20	1.25	1.30	1.35	4.48	6.56	9.78	12.45	19.13	24.87	1097
WHU18-3636- 456		456.0	4.56	28.4	1.10	1.15	1.20	1.25	1.30	1.35	4.72	6.92	10.32	13.13	20.18	26.24	1158
WHU18-3636- 480		480.0	4.80	29.8	1.10	1.15	1.20	1.25	1.30	1.35	4.96	7.28	10.86	13.82	21.23	27.61	1219
WHU18-3636- 528		528.0	5.28	32.5	1.10	1.15	1.20	1.25	1.30	1.35	5.45	8.00	11.93	15.18	23.34	30.34	1341
WHU18-3636- 600		600.0	6.00	36.7	1.10	1.15	1.20	1.25	1.30	1.35	6.19	9.08	13.54	17.24	26.50	34.45	1524
WHU18-3636- 720		720.0	7.20	43.6	1.10	1.15	1.20	1.25	1.30	1.35	7.41	10.88	16.22	20.66	31.76	41.30	1829
WHU18-3636- 840		840.0	8.40	50.4	1.10	1.15	1.20	1.25	1.30	1.35	8.63	12.68	18.91	24.08	37.02	48.14	2134
WHU18-3636- 960		960.0	9.60	57.3	1.10	1.15	1.20	1.25	1.30	1.35	9.85	14.47	21.59	27.50	42.28	54.99	2438

D = DISTRIBUTOR ITEM MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM INCLUDING MEASURING SYSTEM UNCERTAINTY.

NOTE: PRODUCT SPECIFICATIONS ARE VERIFIED AT 73 DEG. F, SEA LEVEL AND 20 TO 80% RELATIVE HUMIDITY. SPECS FOR LENGTH OVER 240 INCHES ARE TYPICAL.

PRODUCT SPECIFICATIONS APPLY AT 5 TO 99% (NON CONDENSING) RELATIVE HUMIDITY, CONSULT FACTORY FOR PRODUCT CHARACTERISTICS AT OTHER CONDITIONS.

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