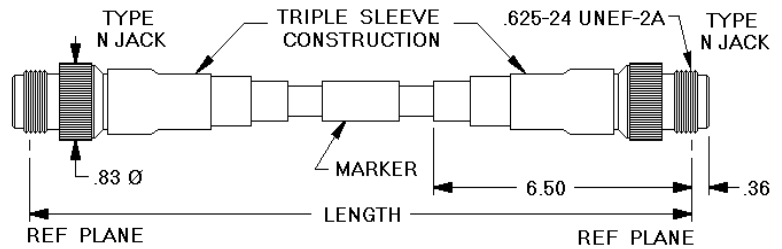


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	28.8 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, NOMINAL:	1.44 ns/FOOT					
ELECTRICAL DELAY, NOMINAL:	120 ps/INCH					
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
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:	-0 to +55 DEGREES C		
MATING TORQUE:	7-10 INCH POUNDS		
TYPE N CONNECTOR INTERFACE:	MIL-STD-348 (SOLID OUTER COND.)		



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
TYPE N BODY:	ASTM A 582 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

PART NUMBER	LENGTH		+ - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)						MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)						LENGTH CM
	FT	INCHES			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	
WHU18-2020-0 24	2	24.0	0.25	5.3	1.10	1.15	1.20	1.25	1.30	1.35	0.32	0.46	0.68	0.85	1.28	1.66	61.0
WHU18-2020-0 27		27.0	0.25	5.4	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.51	0.74	0.93	1.41	1.83	68.6
WHU18-2020-0 30		30.0	0.30	5.6	1.10	1.15	1.20	1.25	1.30	1.35	0.39	0.55	0.81	1.02	1.54	2.00	76.2
WHU18-2020-0 33		33.0	0.33	5.8	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.60	0.88	1.10	1.67	2.17	83.8
WHU18-2020-0 36	3	36.0	0.36	5.9	1.10	1.15	1.20	1.25	1.30	1.35	0.45	0.64	0.95	1.19	1.80	2.35	91.4
WHU18-2020-0 39		39.0	0.39	6.1	1.10	1.15	1.20	1.25	1.30	1.35	0.48	0.68	1.01	1.27	1.93	2.52	99.1
WHU18-2020-0 42		42.0	0.42	6.3	1.10	1.15	1.20	1.25	1.30	1.35	0.51	0.73	1.08	1.36	2.07	2.69	107
WHU18-2020-0 45		45.0	0.45	6.5	1.10	1.15	1.20	1.25	1.30	1.35	0.54	0.77	1.15	1.45	2.20	2.86	114
WHU18-2020-0 48	4	48.0	0.48	6.6	1.10	1.15	1.20	1.25	1.30	1.35	0.57	0.82	1.21	1.53	2.33	3.03	122
WHU18-2020-0 54		54.0	0.54	7.0	1.10	1.15	1.20	1.25	1.30	1.35	0.63	0.91	1.35	1.70	2.59	3.37	137
WHU18-2020-0 60	5	60.0	0.60	7.3	1.10	1.15	1.20	1.25	1.30	1.35	0.69	1.00	1.48	1.87	2.85	3.71	152
WHU18-2020-0 66		66.0	0.66	7.7	1.10	1.15	1.20	1.25	1.30	1.35	0.75	1.09	1.62	2.04	3.12	4.06	168
WHU18-2020-0 72	6	72.0	0.72	8.0	1.10	1.15	1.20	1.25	1.30	1.35	0.81	1.18	1.75	2.21	3.38	4.40	183
WHU18-2020-0 84		84.0	0.84	8.7	1.10	1.15	1.20	1.25	1.30	1.35	0.93	1.36	2.02	2.56	3.91	5.08	213
WHU18-2020-0 96		96.0	0.96	9.4	1.10	1.15	1.20	1.25	1.30	1.35	1.06	1.54	2.29	2.90	4.43	5.77	244
WHU18-2020- 108	9	108	1.08	10.1	1.10	1.15	1.20	1.25	1.30	1.35	1.18	1.72	2.56	3.25	4.98	6.47	275
WHU18-2020- 120	10	120	1.20	10.8	1.10	1.15	1.20	1.25	1.30	1.35	1.30	1.90	2.82	3.58	5.49	7.14	305
WHU18-2020- 144	12	144	1.44	12.1	1.10	1.15	1.20	1.25	1.30	1.35	1.55	2.26	3.36	4.27	6.54	8.51	366
WHU18-2020- 180	15	180	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	10.6	457
WHU18-2020- 240	20	240	2.40	17.6	1.10	1.15	1.20	1.25	1.30	1.35	2.52	3.70	5.51	7.00	10.8	14.0	610
WHU18-2020- 300	25	300	3.00	21.1	1.10	1.15	1.20	1.25	1.30	1.35	3.13	4.59	6.85	8.71	13.4	17.4	762
WHU18-2020- 360	30	360	3.60	24.5	1.10	1.15	1.20	1.25	1.30	1.35	3.74	5.49	8.19	10.4	16.0	20.8	914
WHU18-2020- 480	40	480	4.80	31.4	1.10	1.15	1.20	1.25	1.30	1.35	4.96	7.29	10.9	13.8	21.3	27.7	1219
WHU18-2020- 600	50	600	6.00	38.3	1.10	1.15	1.20	1.25	1.30	1.35	6.19	9.09	13.6	17.3	26.5	34.5	1524
WHU18-2020- 700	58	700	7.00	44.0	1.10	1.15	1.20	1.25	1.30	1.35	7.20	10.59	15.8	20.1	30.9	40.2	1778
WHU18-2020- 800	67	800	8.00	49.7	1.10	1.15	1.20	1.25	1.30	1.35	8.22	12.08	18.0	23.0	35.3	45.9	2032
WHU18-2020- 900	75	900	9.00	55.5	1.10	1.15	1.20	1.25	1.30	1.35	9.24	13.6	20.3	25.8	39.7	51.6	2286
WHU18-2020- 1200	100	1200	12.00	72.7	1.10	1.15	1.20	1.25	1.30	1.35	12.3	18.1	27.0	34.4	52.9	68.7	3048
WHU18-2020- 1500	125	1500	15.00	89.9	1.10	1.15	1.20	1.25	1.30	1.35	15.3	22.6	33.7	42.9	66.0	85.9	3810
WHU18-2020- 1800	150	1800	18.00	107.1	1.10	1.15	1.20	1.25	1.30	1.35	18.4	27.1	40.4	51.5	79.2	103.0	4572

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.

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

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