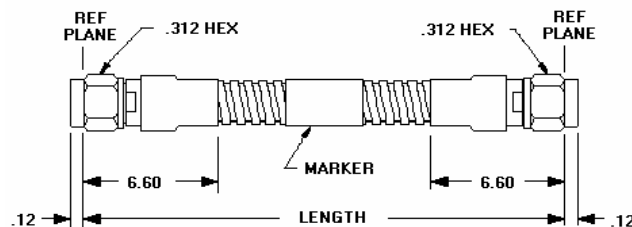


ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING:	-100.0 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1500 VRMS MIN.					
ELECTRICAL DELAY, 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 F 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
CONNECTOR INTERFACE:	MIL-STD-348	HYBRID SMA



NOTE: ELECTRICAL SPECIFICATIONS FOR THE CABLE LONGER 360" IS TYPICAL.

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	ARMOR, 1500 PSI CRUSH	STAINLESS STEEL
MARKER:	MIL-I-23053	WHITE
BOOTS:	MIL-I-23053	BLACK
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
SMA GASKET:	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	
WHA18-3636-0 24	D	24.0	0.25	6.2	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
WHA18-3636-0 25		25.0	0.25	6.3	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
WHA18-3636-0 26		26.0	0.26	6.4	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
WHA18-3636-0 27		27.0	0.27	6.5	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
WHA18-3636-0 28		28.0	0.28	6.7	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
WHA18-3636-0 29		29.0	0.29	6.8	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
WHA18-3636-0 30	D	30.0	0.30	6.9	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
WHA18-3636-0 31		31.0	0.31	7.1	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
WHA18-3636-0 32		32.0	0.32	7.2	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
WHA18-3636-0 33		33.0	0.33	7.3	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
WHA18-3636-0 34		34.0	0.34	7.5	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
WHA18-3636-0 35		35.0	0.35	7.6	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
WHA18-3636-0 36	D	36.0	0.36	7.7	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
WHA18-3636-0 37		37.0	0.37	7.9	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
WHA18-3636-0 38		38.0	0.38	8.0	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
WHA18-3636-0 39	D	39.0	0.39	8.1	1.07	1.12	1.15	1.18	1.22	1.30	0.50	0.70	1.03	1.29	1.96	2.54	99.1
WHA18-3636-0 40		40.0	0.40	8.3	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
WHA18-3636-0 41		41.0	0.41	8.4	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
WHA18-3636-0 42		42.0	0.42	8.5	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
WHA18-3636-0 43		43.0	0.43	8.7	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
WHA18-3636-0 44		44.0	0.44	8.8	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
WHA18-3636-0 45		45.0	0.45	8.9	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
WHA18-3636-0 46		46.0	0.46	9.1	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
WHA18-3636-0 47		47.0	0.47	9.2	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
WHA18-3636-0 48	D	48.0	0.48	9.3	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
WHA18-3636-0 51		51.0	0.51	9.7	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
WHA18-3636-0 54		54.0	0.54	10.1	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
WHA18-3636-0 57		57.0	0.57	10.5	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
WHA18-3636-0 60	D	60.0	0.60	10.9	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
WHA18-3636-0 63		63.0	0.63	11.3	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
WHA18-3636-0 66		66.0	0.66	11.7	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
WHA18-3636-0 69		69.0	0.69	12.1	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
WHA18-3636-0 72	D	72.0	0.72	12.5	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
WHA18-3636-0 79		79.0	0.79	13.4	1.07	1.12	1.15	1.18	1.22	1.30	0.90	1.30	1.93	2.43	3.72	4.82	200.7
WHA18-3636-0 84		84.0	0.84	14.1	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
WHA18-3636-0 90		90.0	0.90	14.9	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
WHA18-3636-0 96	D	96.0	0.96	15.7	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
WHA18-3636-0 99		99.0	0.99	16.1	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
WHA18-3636-102		102.0	1.02	16.5	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
WHA18-3636-105		105.0	1.05	16.9	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
WHA18-3636-108		108.0	1.08	17.3	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
WHA18-3636-118		118.0	1.18	18.6	1.07	1.12	1.15	1.18	1.22	1.30	1.30	1.89	2.80	3.55	5.43	7.04	299.7
WHA18-3636-120	D	120.0	1.20	18.9	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
WHA18-3636-126		126.0	1.26	19.6	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
WHA18-3636-132		132.0	1.32	20.4	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
WHA18-3636-138		138.0	1.38	21.2	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
WHA18-3636-144	D	144.0	1.44	22.0	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
WHA18-3636-156		156.0	1.56	23.6	1.10	1.15	1.20	1.25	1.30	1.35	1.69	2.46	3.65	4.63	7.09	9.21	396.2
WHA18-3636-168		168.0	1.68	25.2	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
WHA18-3636-180		180.0	1.80	26.8	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
WHA18-3636-240		240.0	2.40	34.7	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
WHA18-3636-315		315.0	3.15	44.7	1.10	1.15	1.20	1.25	1.30	1.35	3.31	4.84	7.21	9.16	14.07	18.28	800.1
WHA18-3636-360		360.0	3.60	50.6	1.10	1.15	1.20	1.25	1.30	1.35	3.76	5.51	8.21	10.44	16.04	20.85	914.4
WHA18-3636-600		600.0	6.00	82.4	1.10	1.15	1.20	1.25	1.30	1.35	6.21	9.11	13.58	17.28	26.57	34.54	1524.0