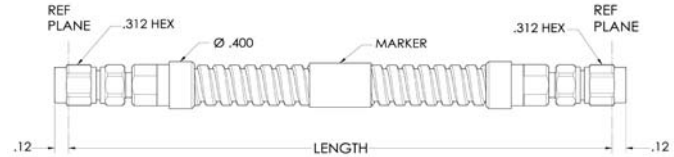


ELECTRICAL SPECIFICATIONS

IMPEDANCE, NOMINAL:	50	OHMS				
CAPACITANCE, NOMINAL:	28.0	pf/FOOT				
VELOCITY OF PROPAGATION, NOMINAL:	70.5	%				
RELATIVE SHIELDING:	-100.0	dB MIN.				
INSULATION RESISTANCE:	1000	MEGOHMS MIN.				
DIELECTRIC WITHSTANDING VOLTAGE:	1069	VRMS MAX.				
ELECTRICAL DELAY, NOMINAL:	1.44	ns/FOOT				
ELECTRICAL DELAY, NOMINAL:	120	ps/INCH				
F (IN GHz) ----->	2	6	12	18	26	40
MAX. CW WATTS ----->	54	30	20	16	12	9

MECHANICAL SPECIFICATIONS:

CABLE MAX. DIAMETER:	0.350	INCHES
MINIMUM BEND RADIUS:	2.10	INCHES
CONNECTOR RETENTION:	60	POUNDS MIN.
TEMPERATURE RANGE:	-55 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
CONNECTOR INTERFACE:	IEEE-STD-287	



MATERIALS AND FINISHES

DESCRIPTION	MATERIAL	FINISH OR COLOR
ARMOR:	STAINLESS STEEL STRIP	NONE
CONTACTS:	ASTM-B196, BeCu C173	ASTM B-488, GOLD PLATED
BEAD:	NORYL	NONE
BODY CABLE ENTRY:	ASTM-A-582, 303 STAINLESS STEEL	ASTM A-967, PASSIVATED
BODY:	ASTM-A-582, 303 STAINLESS STEEL	ASTM A-967, PASSIVATED
NUT:	ASTM-A-582, 303 STAINLESS STEEL	ASTM A-967, PASSIVATED
RETAINING RING:	ASTM-B196, BeCu C173	NONE
AVAILABLE 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 2	2 TO 6	6 TO 12	12 TO 18	18 TO 26	26 TO 40	UP TO 2	2 TO 6	6 TO 12	12 TO 18	18 TO 26	26 TO 40	
WHA40-K6K6-0 24	S	24.0	0.25	4.5	1.08	1.12	1.20	1.25	1.32	1.35	0.75	1.35	2.01	2.57	3.22	4.39	61.0
WHA40-K6K6-0 30		30.0	0.30	4.6	1.08	1.12	1.20	1.25	1.32	1.35	0.91	1.65	2.45	3.14	3.94	5.33	76.2
WHA40-K6K6-0 36	S	36.0	0.36	4.8	1.08	1.12	1.20	1.25	1.32	1.35	1.07	1.95	2.90	3.71	4.65	6.28	91.4
WHA40-K6K6-0 42		42.0	0.42	4.9	1.08	1.12	1.20	1.25	1.32	1.35	1.23	2.25	3.35	4.28	5.37	7.22	106.7
WHA40-K6K6-0 48	S	48.0	0.48	5.1	1.08	1.12	1.20	1.25	1.32	1.35	1.39	2.55	3.79	4.85	6.08	8.16	121.9
WHA40-K6K6-0 54		54.0	0.54	5.2	1.12	1.15	1.23	1.28	1.33	1.38	1.56	2.84	4.24	5.42	6.80	9.11	137.2
WHA40-K6K6-0 60		60.0	0.60	5.4	1.12	1.15	1.23	1.28	1.33	1.38	1.72	3.14	4.69	5.99	7.52	10.05	152.4
WHA40-K6K6-0 66		66.0	0.66	5.5	1.12	1.15	1.23	1.28	1.33	1.38	1.88	3.44	5.13	6.56	8.23	10.99	167.6
WHA40-K6K6-0 72		72.0	0.72	5.7	1.12	1.15	1.23	1.28	1.33	1.38	2.04	3.74	5.58	7.13	8.95	11.94	182.9
WHA40-K6K6-0 78		78.0	0.78	5.9	1.12	1.15	1.23	1.28	1.33	1.38	2.20	4.04	6.03	7.70	9.67	12.88	198.1
WHA40-K6K6-0 84		84.0	0.84	6.0	1.12	1.15	1.23	1.28	1.33	1.38	2.36	4.33	6.47	8.27	10.38	13.82	213.4
WHA40-K6K6-0 90		90.0	0.90	6.2	1.12	1.15	1.23	1.28	1.33	1.38	2.53	4.63	6.92	8.84	11.10	14.77	228.6
WHA40-K6K6-0 96		96.0	0.96	6.3	1.12	1.15	1.23	1.28	1.33	1.38	2.69	4.93	7.36	9.41	11.81	15.71	243.8
WHA40-K6K6-1 20		120.0	1.20	6.9	1.13	1.18	1.25	1.31	1.36	1.41	3.33	6.12	9.15	11.69	14.68	19.48	304.8
WHA40-K6K6-1 80		180.0	1.80	8.4	1.13	1.18	1.25	1.31	1.36	1.41	4.95	9.10	13.61	17.39	21.84	28.92	457.2

S = STANDARD 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.

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

WORKHORSE IS A REGISTERED TRADEMARK OF TENSOLITE CO.

NOTE: FOR CABLES OVER 120 INCHES LONG AND/OR INSERTION LOSSES IN EXCESS OF 20DB
THE VSWR AND INSERTION LOSS VALUES ARE TYPICAL ONLY.VISIT OUR WEB SITE AT <http://www.tensolite.com>