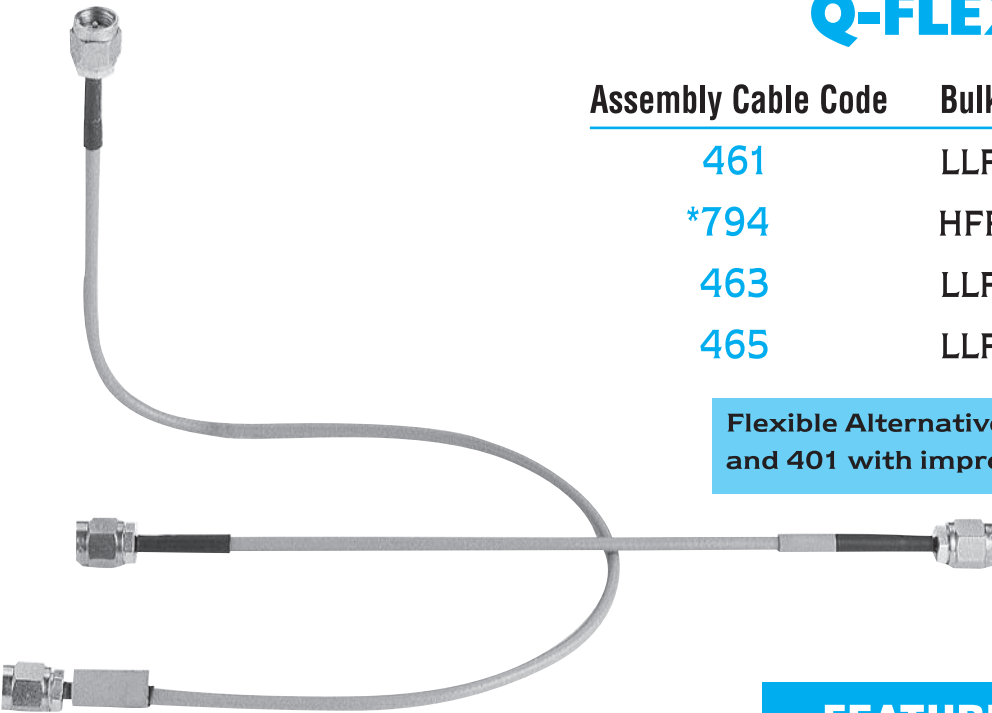


# Q-FLEX® SERIES



Assembly Cable Code	Bulk Cable P/N	OD
461	LLF-1087	.105"
*794	HFF-1087	.105"
463	LLF-1141	.163"
465	LLF-1250	.270"

Flexible Alternatives to RG 405, 402 and 401 with improved attenuation

Q-Flex and Q-Flex Plus

## DESCRIPTION

Q-Flex® assemblies is a unique ALTERNATIVE to custom designed flexible coaxial cables. Traditionally custom specified, these cables are now available in various lengths and deliverable in 24 hours.

There is less than .05dB insertion loss with flexure, so your requirements for a STABLE CABLE are easily maintained.

Q-Flex® utilize Tensolite's anti-torque SMA, SMP or a connector of your choice, thus extending the cables useful life. Now you can meet deadlines, reduce costs, eliminate tooling, ease design, drafting, purchasing and manufacturing with Q-Flex®.

## APPLICATIONS

- Meets requirements for low insertion loss
- Low insertion loss with flexure
- Cost sensitive projects
- Quick turn around
- Emergency field replacement
- Replacement for custom designed flexible cables

## FEATURES

- Bends easily by hand with minimum degradation
- Low insertion loss with flexure
- Highly flexible FEP cable jacket
- 1/3 the cost of other assemblies
- Eliminates solder joint failures
- Cuts time and costs in design, drafting, purchasing and manufacturing
- Wide assortment IN STOCK for same day to 24 hour delivery
- Equipped with Tensolite's anti-torque SMA for long life
- Many connector configurations
- \*794 Low Loss Flexible (high frequency)
  - Up to 40 GHz with 2.92mm (smK) male and straight SMP

**Tensolite** RF/Microwave Interconnects 1-800-362-FLEX

A CARLISLE Company

Website: [www.tensolite.com](http://www.tensolite.com)

**TENSOLITE CABLE ASSEMBLY TECHNICAL DATA**

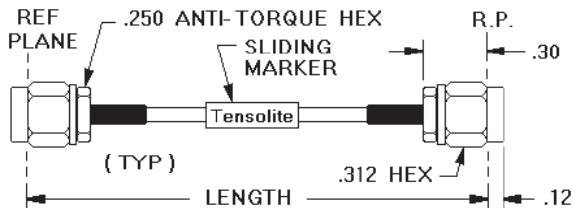
**SMA MALE TO SMA MALE ON 461 Q-FLEX® CABLE.**

**ELECTRICAL SPECIFICATIONS**

IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	120 ps/INCH					
MAX. PULSE RF POWER:	1250 WATTS					
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)						
F (IN GHz) ----->	1	2	4	6	12.4	18
MAX. CW WATTS ---->	80	56	39	32	21	17

**MECHANICAL SPECIFICATIONS:**

CABLE MAX. DIAMETER:	0.110 INCHES				
MIN. BEND RADIUS:	0.55 INCHES				
PREFERRED BEND RADIUS:	1.10 INCHES				
CONNECTOR RETENTION:	30 POUNDS MIN.				
TEMPERATURE RANGE:	-65 / +105 DEGREES C				
MATING TORQUE:	7-10 INCH POUNDS				
SMA CONNECTOR INTERFACE:	MIL-STD-348 PAGE 310.3				



**MATERIALS AND FINISHES**

DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
SMA BODY:	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA NUT:	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA GASKET:	ZZ-R-765, SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

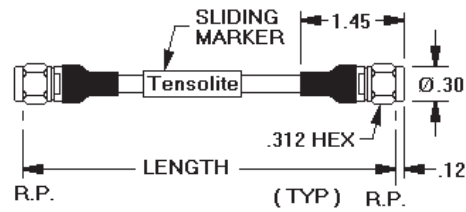
ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS LENGTH INCHES	+ - LENGTH	WEIGHT OUNCES	S11 AND S22 CHARACTERISTICS MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)							S21 AND S12 CHARACTERISTICS MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)						NOM DELAY nS	LENGTH CM
				UP TO 1	1 TO 2	2 TO 4	4 TO 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			
				1-3636-461- 5202	D 2.00	0.25	0.2	1.13	1.18	1.20	1.25	1.30	1.35	0.08	0.12	0.18		
1-3636-461- 5203	D 3.00	0.25	0.2	1.13	1.18	1.20	1.25	1.30	1.35	0.10	0.15	0.21	0.27	0.39	0.50	0.36	7.62	
1-3636-461- 5204	D 4.00	0.25	0.3	1.13	1.18	1.20	1.25	1.30	1.35	0.12	0.17	0.25	0.31	0.46	0.59	0.48	10.16	
1-3636-461- 5205	D 5.00	0.25	0.3	1.13	1.18	1.20	1.25	1.30	1.35	0.14	0.20	0.29	0.36	0.54	0.68	0.60	12.70	
1-3636-461- 5206	D 6.00	0.25	0.3	1.13	1.18	1.20	1.25	1.30	1.35	0.15	0.22	0.33	0.41	0.61	0.78	0.72	15.24	
1-3636-461- 5207	7.00	0.25	0.3	1.13	1.18	1.20	1.25	1.30	1.35	0.17	0.25	0.36	0.46	0.68	0.87	0.84	17.78	
1-3636-461- 5208	D 8.00	0.25	0.3	1.13	1.18	1.20	1.25	1.30	1.35	0.19	0.27	0.40	0.50	0.76	0.97	0.96	20.32	
1-3636-461- 5209	9.00	0.25	0.4	1.13	1.18	1.20	1.25	1.30	1.35	0.21	0.30	0.44	0.55	0.83	1.06	1.08	22.86	
1-3636-461- 5210	10.00	0.25	0.4	1.13	1.18	1.20	1.25	1.30	1.35	0.22	0.32	0.48	0.60	0.90	1.16	1.20	25.40	
1-3636-461- 5211	11.00	0.25	0.4	1.13	1.18	1.20	1.25	1.30	1.35	0.24	0.35	0.51	0.65	0.97	1.25	1.32	27.94	
1-3636-461- 5212	D 12.00	0.25	0.4	1.13	1.18	1.20	1.25	1.30	1.35	0.26	0.38	0.55	0.70	1.05	1.34	1.44	30.48	
1-3636-461- 5213	13.00	0.25	0.4	1.13	1.18	1.20	1.25	1.30	1.35	0.28	0.40	0.59	0.74	1.12	1.44	1.56	33.02	
1-3636-461- 5214	14.00	0.25	0.5	1.13	1.18	1.20	1.25	1.30	1.35	0.29	0.43	0.63	0.79	1.19	1.53	1.68	35.56	
1-3636-461- 5215	15.00	0.25	0.5	1.13	1.18	1.20	1.25	1.30	1.35	0.31	0.45	0.67	0.84	1.27	1.63	1.80	38.10	
1-3636-461- 5216	16.00	0.25	0.5	1.13	1.18	1.20	1.25	1.30	1.35	0.33	0.48	0.70	0.89	1.34	1.72	1.92	40.64	
1-3636-461- 5217	17.00	0.25	0.5	1.13	1.18	1.20	1.25	1.30	1.35	0.34	0.50	0.74	0.93	1.41	1.82	2.04	43.18	
1-3636-461- 5218	D 18.00	0.25	0.5	1.13	1.18	1.20	1.25	1.30	1.35	0.36	0.53	0.78	0.98	1.48	1.91	2.16	45.72	
1-3636-461- 5219	19.00	0.25	0.6	1.13	1.18	1.20	1.25	1.30	1.35	0.38	0.55	0.82	1.03	1.56	2.00	2.28	48.26	
1-3636-461- 5220	20.00	0.25	0.6	1.13	1.18	1.20	1.25	1.30	1.35	0.40	0.58	0.85	1.08	1.63	2.10	2.40	50.80	
1-3636-461- 5221	21.00	0.25	0.6	1.13	1.18	1.20	1.25	1.30	1.35	0.41	0.60	0.89	1.13	1.70	2.19	2.52	53.34	
1-3636-461- 5222	22.00	0.25	0.6	1.13	1.18	1.20	1.25	1.30	1.35	0.43	0.63	0.93	1.17	1.78	2.29	2.64	55.88	
1-3636-461- 5223	23.00	0.25	0.7	1.13	1.18	1.20	1.25	1.30	1.35	0.45	0.65	0.97	1.22	1.85	2.38	2.76	58.42	
1-3636-461- 5224	D 24.00	0.25	0.7	1.13	1.18	1.20	1.25	1.30	1.35	0.47	0.68	1.00	1.27	1.92	2.48	2.88	60.96	
1-3636-461- 5225	25.00	0.25	0.7	1.13	1.18	1.20	1.25	1.30	1.35	0.48	0.71	1.04	1.32	1.99	2.57	3.00	63.50	
1-3636-461- 5226	26.00	0.26	0.7	1.13	1.18	1.20	1.25	1.30	1.35	0.50	0.73	1.08	1.36	2.07	2.66	3.12	66.04	
1-3636-461- 5227	27.00	0.27	0.7	1.13	1.18	1.20	1.25	1.30	1.35	0.52	0.76	1.12	1.41	2.14	2.76	3.24	68.58	
1-3636-461- 5228	28.00	0.28	0.8	1.13	1.18	1.20	1.25	1.30	1.35	0.54	0.78	1.15	1.46	2.21	2.85	3.36	71.12	
1-3636-461- 5229	29.00	0.29	0.8	1.13	1.18	1.20	1.25	1.30	1.35	0.55	0.81	1.19	1.51	2.29	2.95	3.48	73.66	
1-3636-461- 5230	30.00	0.30	0.8	1.13	1.18	1.20	1.25	1.30	1.35	0.57	0.83	1.23	1.56	2.36	3.04	3.60	76.20	
1-3636-461- 5231	31.00	0.31	0.8	1.13	1.18	1.20	1.25	1.30	1.35	0.59	0.86	1.27	1.60	2.43	3.14	3.71	78.74	
1-3636-461- 5232	32.00	0.32	0.8	1.13	1.18	1.20	1.25	1.30	1.35	0.60	0.88	1.31	1.65	2.50	3.23	3.83	81.28	
1-3636-461- 5233	33.00	0.33	0.9	1.13	1.18	1.20	1.25	1.30	1.35	0.62	0.91	1.34	1.70	2.58	3.33	3.95	83.82	
1-3636-461- 5234	34.00	0.34	0.9	1.13	1.18	1.20	1.25	1.30	1.35	0.64	0.93	1.38	1.75	2.65	3.42	4.07	86.36	
1-3636-461- 5235	35.00	0.35	0.9	1.13	1.18	1.20	1.25	1.30	1.35	0.66	0.96	1.42	1.79	2.72	3.51	4.19	88.90	
1-3636-461- 5236	36.00	0.36	0.9	1.18	1.20	1.25	1.30	1.35	1.38	0.67	0.98	1.46	1.84	2.80	3.61	4.31	91.44	
1-3636-461- 5239	39.00	0.39	1.0	1.18	1.20	1.25	1.30	1.35	1.38	0.73	1.06	1.57	1.99	3.01	3.89	4.67	99.06	
1-3636-461- 5240	40.00	0.40	1.0	1.18	1.20	1.25	1.30	1.35	1.38	0.74	1.09	1.61	2.03	3.09	3.99	4.79	101.60	
1-3636-461- 5241	41.00	0.41	1.0	1.18	1.20	1.25	1.30	1.35	1.38	0.76	1.11	1.64	2.08	3.16	4.08	4.91	104.14	
1-3636-461- 5242	42.00	0.42	1.0	1.18	1.20	1.25	1.30	1.35	1.38	0.78	1.14	1.68	2.13	3.23	4.17	5.03	106.68	
1-3636-461- 5248	48.00	0.48	1.2	1.18	1.20	1.25	1.30	1.35	1.38	0.88	1.29	1.91	2.42	3.67	4.74	5.75	121.92	
1-3636-461- 5254	54.00	0.54	1.3	1.18	1.20	1.25	1.30	1.35	1.38	0.99	1.44	2.13	2.70	4.11	5.31	6.47	137.16	
1-3636-461- 5260	60.00	0.60	1.4	1.18	1.20	1.25	1.30	1.35	1.38	1.09	1.59	2.36	2.99	4.54	5.87	7.19	152.40	
1-3636-461- 5266	66.00	0.66	1.5	1.18	1.20	1.25	1.30	1.35	1.38	1.19	1.75	2.59	3.28	4.98	6.44	7.91	167.64	
1-3636-461- 5272	72.00	0.72	1.7	1.18	1.20	1.25	1.30	1.35	1.38	1.30	1.90	2.81	3.56	5.42	7.00	8.63	182.88	
1-3636-461- 5278	78.00	0.78	1.8	1.20	1.23	1.28	1.33	1.38	1.42	1.40	2.05	3.04	3.85	5.86	7.57	9.35	198.12	
1-3636-461- 5284	84.00	0.84	1.9	1.20	1.23	1.28	1.33	1.38	1.42	1.51	2.20	3.26	4.14	6.29	8.14	10.07	213.36	
1-3636-461- 5290	90.00	0.90	2.0	1.20	1.23	1.28	1.33	1.38	1.42	1.61	2.36	3.49	4.42	6.73	8.70	10.79	228.60	
1-3636-461- 5296	96.00	0.96	2.2	1.20	1.23	1.28	1.33	1.38	1.42	1.71	2.51	3.72	4.71	7.17	9.27	11.50	243.84	
1-3636-461- 5299	99.00	0.99	2.2	1.20	1.23	1.28	1.33	1.38	1.42	1.77	2.58	3.83	4.85	7.39	9.55	11.86	251.46	
2-3636-461- 5210	120.00	1.20	2.6	1.20	1.23	1.28	1.33	1.38	1.42	2.13	3.12	4.62	5.86	8.91	11.53	14.38	304.80	
2-3636-461- 5215	180.00	1.80	3.9	1.20	1.23	1.28	1.33	1.38	1.42	3.17	4.64	6.88	8.72	13.29	17.19	21.57	457.20	

D = DISTRIBUTOR ITEM MAXIMUM SPECIFICATIONS ARE PRODUCT

**TENSOLITE CABLE ASSEMBLY TECHNICAL DATA**

**SMA MALE TO SMA MALE ON 463 Q-FLEX® CABLE.**

ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	29.4 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING:	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	120 ps/INCH
MAX. PULSE RF POWER:	1250 WATTS
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)	
F (IN GHz) ----->	1 2 4 6 12 18
MAX. CW WATTS ---->	208 144 98 78 52 40



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.168 INCHES
MIN. BEND RADIUS:	0.84 INCHES
PREFERRED BEND RADIUS:	1.68 INCHES
CONNECTOR RETENTION:	60 POUNDS MIN.
TEMPERATURE RANGE:	-65 to +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-34 SMA

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA BODY:	ASTM-A-582, 303 STAINLESS STEEL	QQ-P-35 PASSIVATED
SMA NUT:	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	
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE

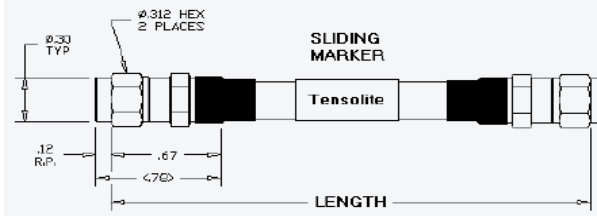
ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS LENGTH INCHES	+ - LENGTH	WEIGHT OUNCES	S11 AND S22 CHARACTERISTICS MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)								S21 AND S12 CHARACTERISTICS MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)								NOM DELAY nS	LENGTH CM								
				UP TO 1		1 TO 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	
1-3636-463- 5202	D	2.0	0.3	0.3	1.06	1.11	1.14	1.17	1.20	1.28	0.07	0.10	0.15	0.18	0.26	0.33	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	5.08			
1-3636-463- 5203	D	3.0	0.3	0.4	1.06	1.11	1.14	1.17	1.20	1.28	0.08	0.12	0.17	0.21	0.30	0.38	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	7.62			
1-3636-463- 5204	D	4.0	0.3	0.5	1.06	1.11	1.14	1.17	1.20	1.28	0.09	0.13	0.19	0.24	0.35	0.44	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	10.2			
1-3636-463- 5205	D	5.0	0.3	0.5	1.06	1.11	1.14	1.17	1.20	1.28	0.10	0.15	0.21	0.27	0.39	0.50	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	12.7			
1-3636-463- 5206	D	6.0	0.3	0.6	1.06	1.11	1.14	1.17	1.20	1.28	0.11	0.16	0.24	0.30	0.44	0.55	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	15.2			
1-3636-463- 5207	D	7.0	0.3	0.6	1.06	1.11	1.14	1.17	1.20	1.28	0.12	0.18	0.26	0.32	0.48	0.61	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	17.8			
1-3636-463- 5208	D	8.0	0.3	0.7	1.06	1.11	1.14	1.17	1.20	1.28	0.13	0.19	0.28	0.35	0.52	0.67	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	20.3			
1-3636-463- 5209	D	9.0	0.3	0.7	1.06	1.11	1.14	1.17	1.20	1.28	0.14	0.21	0.30	0.38	0.57	0.72	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	22.9			
1-3636-463- 5210	D	10.0	0.3	0.8	1.06	1.11	1.14	1.17	1.20	1.28	0.15	0.22	0.33	0.41	0.61	0.78	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	25.4			
1-3636-463- 5211	D	11.0	0.3	0.8	1.06	1.11	1.14	1.17	1.20	1.28	0.16	0.24	0.35	0.44	0.66	0.84	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	27.9			
1-3636-463- 5212	D	12.0	0.3	0.9	1.06	1.11	1.14	1.17	1.20	1.28	0.18	0.25	0.37	0.47	0.70	0.90	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	30.5			
1-3636-463- 5213	D	13.0	0.3	1.0	1.06	1.11	1.14	1.17	1.20	1.28	0.19	0.27	0.39	0.50	0.74	0.95	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	33.0			
1-3636-463- 5214	D	14.0	0.3	1.0	1.06	1.11	1.14	1.17	1.20	1.28	0.20	0.28	0.42	0.53	0.79	1.01	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	35.6			
1-3636-463- 5215	D	15.0	0.3	1.1	1.06	1.11	1.14	1.17	1.20	1.28	0.21	0.30	0.44	0.55	0.83	1.07	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	38.1			
1-3636-463- 5216	D	16.0	0.3	1.1	1.06	1.11	1.14	1.17	1.20	1.28	0.22	0.32	0.46	0.58	0.88	1.12	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	40.6			
1-3636-463- 5217	D	17.0	0.3	1.2	1.06	1.11	1.14	1.17	1.20	1.28	0.23	0.33	0.49	0.61	0.92	1.18	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	43.2			
1-3636-463- 5218	D	18.0	0.3	1.2	1.06	1.11	1.14	1.17	1.20	1.28	0.24	0.35	0.51	0.64	0.96	1.24	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	45.7			
1-3636-463- 5219	D	19.0	0.3	1.3	1.06	1.11	1.14	1.17	1.20	1.28	0.25	0.36	0.53	0.67	1.01	1.29	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	48.3			
1-3636-463- 5220	D	20.0	0.3	1.3	1.06	1.11	1.14	1.17	1.20	1.28	0.26	0.38	0.55	0.70	1.05	1.35	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	50.8			
1-3636-463- 5221	D	21.0	0.3	1.4	1.06	1.11	1.14	1.17	1.20	1.28	0.27	0.39	0.58	0.73	1.10	1.41	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	53.3			
1-3636-463- 5222	D	22.0	0.2	1.4	1.06	1.11	1.14	1.17	1.20	1.28	0.28	0.41	0.60	0.76	1.14	1.46	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	55.9			
1-3636-463- 5223	D	23.0	0.2	1.5	1.06	1.11	1.14	1.17	1.20	1.28	0.29	0.42	0.62	0.78	1.18	1.52	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	58.4			
1-3636-463- 5224	D	24.0	0.2	1.6	1.06	1.11	1.14	1.17	1.20	1.28	0.30	0.44	0.64	0.81	1.23	1.58	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	61.0			
1-3636-463- 5227	D	27.0	0.3	1.7	1.06	1.11	1.14	1.17	1.20	1.28	0.33	0.48	0.71	0.90	1.36	1.75	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	68.6			
1-3636-463- 5230	D	30.0	0.3	1.9	1.06	1.11	1.14	1.17	1.20	1.28	0.36	0.53	0.78	0.99	1.49	1.92	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	76.2			
1-3636-463- 5231	D	31.0	0.3	1.9	1.06	1.11	1.14	1.17	1.20	1.28	0.37	0.54	0.80	1.01	1.53	1.98	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	3.71	78.7			
1-3636-463- 5232	D	32.0	0.3	2.0	1.06	1.11	1.14	1.17	1.20	1.28	0.38	0.56	0.83	1.04	1.58	2.03	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	81.3			
1-3636-463- 5233	D	33.0	0.3	2.0	1.06	1.11	1.14	1.17	1.20	1.28	0.39	0.57	0.85	1.07	1.62	2.09	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	83.8			
1-3636-463- 5236	D	36.0	0.4	2.2	1.06	1.11	1.14	1.17	1.20	1.28	0.43	0.62	0.92	1.16	1.75	2.26	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	91.4			
1-3636-463- 5239	D	39.0	0.4	2.4	1.06	1.11	1.14	1.17	1.20	1.28	0.46	0.67	0.98	1.24	1.89	2.43	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	99.1			
1-3636-463- 5240	D	40.0	0.4	2.4	1.06	1.11	1.14	1.17	1.20	1.28	0.47	0.68	1.01	1.27	1.93	2.49	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	4.79	101.6			
1-3636-463- 5241	D	41.0	0.4	2.5	1.06	1.11	1.14	1.17	1.20	1.28	0.48	0.70	1.03	1.30	1.97	2.55	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	104.1			
1-3636-463- 5242	D	42.0	0.4	2.5	1.06	1.11	1.14	1.17	1.20	1.28	0.49	0.71	1.05	1.33	2.02	2.60	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	5.03	107			
1-3636-463- 5245	D	45.0	0.5	2.7	1.06	1.11	1.14	1.17	1.20	1.28	0.52	0.76	1.12	1.42	2.15	2.77	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	5.39	114			
1-3636-463- 5248	D	48.0	0.5	2.9	1.06	1.11	1.14	1.17	1.20	1.28	0.55	0.80	1.19	1.50	2.28	2.94	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	122			
1-3636-463- 5250	D	50.0	0.5	3.0	1.06	1.11	1.14	1.17	1.20	1.28	0.57	0.83	1.23	1.56	2.37	3.06	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	127			
1-3636-463- 5252	D	52.0	0.5	3.1	1.06	1.11	1.14	1.17	1.20	1.28	0.59	0.86	1.28	1.62	2.46	3.17	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	6.23	132			
1-3636-463- 5254	D	54.0	0.5	3.2	1.06	1.11	1.14	1.17	1.20	1.28	0.61	0.90	1.32	1.68	2.54	3.28	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	137			
1-3636-463- 5256	D	56.0	0.6	3.3	1.06	1.11	1.14	1.17	1.20	1.28	0.63	0.93	1.37	1.73	2.63	3.40	6.71	6.71	6.71	6.71	6.71	6.71	6.71	6.71	6.71	142			
1-3636-463- 5258	D	58.0	0.6	3.4	1.06	1.11	1.14	1.17	1.20	1.28	0.65	0.96	1.41	1.79	2.72	3.51	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	147			
1-3636-463- 5260	D	60.0	0.6	3.5	1.06	1.11	1.14	1.17	1.20	1.28	0.68	0.99	1.46	1.85	2.81	3.63	7.19	7.19	7.19	7.19									

TENSOLITE CABLE ASSEMBLY TECHNICAL DATA

SMA MALE TO SMA MALE ON 465 Q-FLEX® CABLE.

ELECTRICAL SPECIFICATIONS

IMPEDANCE, NOMINAL:	50	OHMS				
CAPACITANCE NOMINAL:	29.4	pf/FOOT				
VELOCITY OF PROPAGATION, NOMINAL:	70.7	%				
RELATIVE SHIELDING:	-100	dB MIN.				
INSULATION RESISTANCE:	1000	MEG OHMS MIN.				
DIELECTRIC WITHSTANDING VOLTAGE:	1000	VRMS MIN.				
ELECTRICAL DELAY:	1.44	ns/FOOT				
ELECTRICAL DELAY:	120	ps/INCH				
MAX. PULSE RF POWER:	1750	WATTS				
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)						
F (IN GHz) ----->	1	2	4	6	12	18
MAX. CW WATTS -->	357	241	159	124	80	61



MECHANICAL SPECIFICATIONS:

CABLE MAX. DIAMETER:	0.280	INCHES
MIN. BEND RADIUS:	1.40	INCHES
PREFERRED BEND RADIUS:	2.80	INCHES
CONNECTOR RETENTION:	80	POUNDS MIN.
TEMPERATURE RANGE:	-65 to +105	DEGREES C
MATING TORQUE:	7-10	INCH POUNDS
CONNECTOR INTERFACES:	MIL-STD-348-310.1	

MATERIALS AND FINISHES

DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA BODY:	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA NUT:	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	
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE

ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS								S21 AND S12 CHARACTERISTICS								NOM DELAY nS	LENGTH CM
	LENGTH INCHES	+ LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)								MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)									
				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						
1-3636-465- 5202	2.0	0.25	0.5	1.10	1.15	1.20	1.25	1.30	1.35	0.07	0.09	0.13	0.16	0.24	0.29	0.24	5.08				
1-3636-465- 5203	3.0	0.25	0.6	1.10	1.15	1.20	1.25	1.30	1.35	0.07	0.10	0.15	0.19	0.27	0.34	0.36	7.62				
1-3636-465- 5204	4.0	0.25	0.7	1.10	1.15	1.20	1.25	1.30	1.35	0.08	0.12	0.17	0.21	0.30	0.38	0.48	10.2				
1-3636-465- 5205	5.0	0.25	0.8	1.10	1.15	1.20	1.25	1.30	1.35	0.09	0.13	0.18	0.23	0.33	0.42	0.60	12.7				
1-3636-465- 5206	6.0	0.25	0.9	1.10	1.15	1.20	1.25	1.30	1.35	0.10	0.14	0.20	0.25	0.36	0.46	0.72	15.2				
1-3636-465- 5207	7.0	0.25	1.0	1.10	1.15	1.20	1.25	1.30	1.35	0.10	0.15	0.22	0.27	0.40	0.50	0.84	17.8				
1-3636-465- 5208	8.0	0.25	1.1	1.10	1.15	1.20	1.25	1.30	1.35	0.11	0.16	0.23	0.29	0.43	0.54	0.96	20.3				
1-3636-465- 5209	9.0	0.25	1.2	1.10	1.15	1.20	1.25	1.30	1.35	0.12	0.17	0.25	0.31	0.46	0.58	1.08	22.9				
1-3636-465- 5210	10.0	0.25	1.3	1.10	1.15	1.20	1.25	1.30	1.35	0.13	0.18	0.27	0.33	0.49	0.62	1.20	25.4				
1-3636-465- 5211	11.0	0.25	1.5	1.10	1.15	1.20	1.25	1.30	1.35	0.13	0.19	0.28	0.35	0.52	0.66	1.32	27.9				
1-3636-465- 5212	12.0	0.25	1.6	1.10	1.15	1.20	1.25	1.30	1.35	0.14	0.20	0.30	0.37	0.55	0.70	1.44	30.5				
1-3636-465- 5213	13.0	0.25	1.7	1.10	1.15	1.20	1.25	1.30	1.35	0.15	0.22	0.31	0.39	0.59	0.75	1.56	33.0				
1-3636-465- 5214	14.0	0.25	1.8	1.10	1.15	1.20	1.25	1.30	1.35	0.16	0.23	0.33	0.42	0.62	0.79	1.68	35.6				
1-3636-465- 5215	15.0	0.25	1.9	1.10	1.15	1.20	1.25	1.30	1.35	0.16	0.24	0.35	0.44	0.65	0.83	1.80	38.1				
1-3636-465- 5216	16.0	0.25	2.0	1.10	1.15	1.20	1.25	1.30	1.35	0.17	0.25	0.36	0.46	0.68	0.87	1.92	40.6				
1-3636-465- 5217	17.0	0.25	2.1	1.10	1.15	1.20	1.25	1.30	1.35	0.18	0.26	0.38	0.48	0.71	0.91	2.04	43.2				
1-3636-465- 5218	18.0	0.25	2.2	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.27	0.40	0.50	0.74	0.95	2.16	45.7				
1-3636-465- 5219	19.0	0.25	2.3	1.10	1.15	1.20	1.25	1.30	1.35	0.19	0.28	0.41	0.52	0.78	0.99	2.28	48.3				
1-3636-465- 5220	20.0	0.25	2.4	1.10	1.15	1.20	1.25	1.30	1.35	0.20	0.29	0.43	0.54	0.81	1.03	2.40	50.8				
1-3636-465- 5221	21.0	0.25	2.6	1.10	1.15	1.20	1.25	1.30	1.35	0.21	0.30	0.45	0.56	0.84	1.07	2.52	53.3				
1-3636-465- 5222	22.0	0.22	2.7	1.10	1.15	1.20	1.25	1.30	1.35	0.22	0.32	0.46	0.58	0.87	1.11	2.64	55.9				
1-3636-465- 5223	23.0	0.23	2.8	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.33	0.48	0.60	0.90	1.16	2.76	58.4				
1-3636-465- 5224	24.0	0.24	2.9	1.10	1.15	1.20	1.25	1.30	1.35	0.23	0.34	0.50	0.62	0.94	1.20	2.88	61.0				
1-3636-465- 5227	27.0	0.27	3.2	1.10	1.15	1.20	1.25	1.30	1.35	0.26	0.37	0.55	0.69	1.03	1.32	3.24	68.6				
1-3636-465- 5230	30.0	0.30	3.6	1.10	1.15	1.20	1.25	1.30	1.35	0.28	0.41	0.60	0.75	1.13	1.44	3.60	76.2				
1-3636-465- 5231	31.0	0.31	3.7	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.42	0.61	0.77	1.16	1.48	3.71	78.7				
1-3636-465- 5232	32.0	0.32	3.8	1.10	1.15	1.20	1.25	1.30	1.35	0.29	0.43	0.63	0.79	1.19	1.52	3.83	81.3				
1-3636-465- 5233	33.0	0.33	3.9	1.10	1.15	1.20	1.25	1.30	1.35	0.30	0.44	0.64	0.81	1.22	1.57	3.95	83.8				
1-3636-465- 5236	36.0	0.36	4.2	1.10	1.15	1.20	1.25	1.30	1.35	0.32	0.47	0.69	0.87	1.32	1.69	4.31	91.4				
1-3636-465- 5239	39.0	0.39	4.5	1.10	1.15	1.20	1.25	1.30	1.35	0.35	0.51	0.74	0.94	1.41	1.81	4.67	99.1				
1-3636-465- 5240	40.0	0.40	4.7	1.10	1.15	1.20	1.25	1.30	1.35	0.36	0.52	0.76	0.96	1.44	1.85	4.79	101.6				
1-3636-465- 5241	41.0	0.41	4.8	1.10	1.15	1.20	1.25	1.30	1.35	0.36	0.53	0.78	0.98	1.47	1.89	4.91	104.1				
1-3636-465- 5242	42.0	0.42	4.9	1.10	1.15	1.20	1.25	1.30	1.35	0.37	0.54	0.79	1.00	1.51	1.93	5.03	107				
1-3636-465- 5245	45.0	0.45	5.2	1.10	1.15	1.20	1.25	1.30	1.35	0.39	0.57	0.84	1.06	1.60	2.06	5.39	114				
1-3636-465- 5248	48.0	0.48	5.5	1.10	1.15	1.20	1.25	1.30	1.35	0.42	0.61	0.89	1.13	1.70	2.18	5.75	122				
1-3636-465- 5250	50.0	0.50	5.8	1.10	1.15	1.20	1.25	1.30	1.35	0.43	0.63	0.93	1.17	1.76	2.26	5.99	127				
1-3636-465- 5252	52.0	0.52	6.0	1.10	1.15	1.20	1.25	1.30	1.35	0.45	0.65	0.96	1.21	1.82	2.35	6.23	132				
1-3636-465- 5254	54.0	0.54	6.2	1.10	1.15	1.20	1.25	1.30	1.35	0.46	0.67	0.99	1.25	1.89	2.43	6.47	137				
1-3636-465- 5256	56.0	0.56	6.4	1.10	1.15	1.20	1.25	1.30	1.35	0.48	0.70	1.02	1.29	1.95	2.51	6.71	142				
1-3636-465- 5258	58.0	0.58	6.6	1.10	1.15	1.20	1.25	1.30	1.35	0.49	0.72	1.06	1.33	2.01	2.59	6.95	147				
1-3636-465- 5260	60.0	0.60	6.9	1.13	1.18	1.23	1.28	1.33	1.38	0.51	0.74	1.09	1.38	2.08	2.67	7.19	152				
1-3636-465- 5266	66.0	0.66	7.5	1.13	1.18	1.23	1.28	1.33	1.38	0.55	0.81	1.19	1.50	2.27	2.92	7.91	168				
1-3636-465- 5272	72.0	0.72	8.2	1.13	1.18	1.23	1.28	1.33	1.38	0.60	0.87	1.29	1.63	2.46	3.17	8.63	183				
1-3636-465- 5275	75.0	0.75	8.5	1.13	1.18	1.23	1.28	1.33	1.38	0.62	0.91	1.34	1.69	2.55	3.29	8.99	191				
1-3636-465- 5279	79.0	0.79	9.0	1.13	1.18	1.23	1.28	1.33	1.38	0.65	0.95	1.40	1.77	2.68	3.45	9.47	201				
1-3636-465- 5284	84.0	0.84	9.5	1.13	1.18	1.23	1.28	1.33	1.38	0.69	1.01	1.49	1.88	2.84	3.66	10.07	213				
1-3636-465- 5296	96.0	0.96	10.8	1.13	1.18	1.23	1.28	1.33	1.38	0.78	1.14	1.68	2.13	3.22	4.15	11.50	244				
1-3636-465- 5299	99.0	0.99	11.2	1.13	1.18	1.23	1.28	1.33	1.38	0.80	1.17	1.73	2.19	3.32	4.27	11.86	251				
2-3636-465- 5209	108.0	1.08	12.2	1.13	1.18	1.23	1.28	1.33	1.38	0.87	1.27	1.88	2.38	3.60	4.64	12.94	274				
2-3636-465- 5210	120.0	1.20	13.5	1.15	1.20	1.25	1.30	1.35	1.40	0.97	1.41	2.08	2.63	3.98	5.13	14.38	305				
2-3636-465- 5212	144.0	1.44	16.1	1.15	1.20	1.25	1.30	1.35	1.40	1.15	1.68	2.48	3.13	4.75	6.12	17.26	366				
2-3636-465- 5215	180.0	1.80	20.1	1.15	1.20	1.25	1.30	1.35	1.40	1.42	2.08	3.07	3.88	5.89	7.59	21.57	457				
2-3636-465- 5220	240.0	2.40	26.7	1.15	1.20	1.25	1.30	1.35	1.40	1.88	2.75	4.06	5.14	7.79	10.06	28.76	610				
2-3636-465- 5225	300.0	3.00	33.4	1.15	1.20	1.25	1.30	1.35	1.40	2.34	3.42	5.05	6.39	9.70	12.52	35.95	762				

MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM

NOTE: PRODUCT VERIFICATION SPECIFICATION IS PRODUCT SPECIFICATION ABOVE PLUS MEASURING SYSTEM UNCERTAINTY AND TEST ADAPTER(S) BELOW

CONTRIBUTIONS ----->	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.08
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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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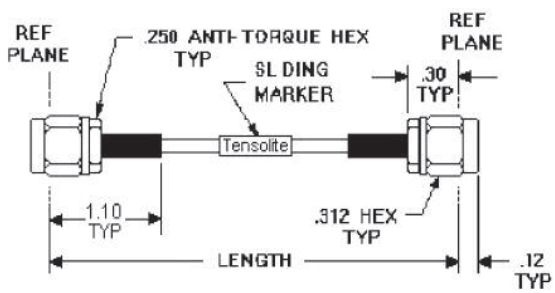
Q-Flex and Q-Flex Plus

**TENSOLITE CABLE ASSEMBLY TECHNICAL DATA**

**2.92MM MALE TO 2.92MM MALE ON 794 Q-FLEX® CABLE.**

ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	120 ps/INCH					
MAX. PULSE RF POWER:	1250 WATTS (INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)					
F (IN GHz) ----->	2	4	12	18	26	40
MAX. CW WATTS -->	56	39	21	17	14	11

MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.110 INCHES
MIN. BEND RADIUS:	0.55 INCHES
PREFERRED BEND RADIUS:	1.10 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-65 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	COMMERCIAL K



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
SMA CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
SMA BODY	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA NUT	ASTM-A-582, 303 STAINLESS STEEL	MIL-G-45204 GOLD PLATED
SMA GASKET	ZZ-R-765, SILICON RUBBER	RED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS							S21 AND S22 CHARACTERISTICS							LENGTH CM	
	LENGTH INCHES	+ / - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)							MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)								NOM DELAY nS
				UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	26 TO 40	UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	26 TO 40				
1-K6K6-794- 5302	2.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.16	0.22	0.36	0.45	0.57	0.72	0.24	5.1		
1-K6K6-794- 5303	3.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.18	0.26	0.44	0.54	0.68	0.87	0.36	7.6		
1-K6K6-794- 5304	4.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.21	0.30	0.51	0.64	0.80	1.02	0.48	10.2		
1-K6K6-794- 5305	5.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.24	0.34	0.58	0.73	0.91	1.17	0.60	12.7		
1-K6K6-794- 5306	6.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.27	0.38	0.66	0.82	1.03	1.32	0.72	15.2		
1-K6K6-794- 5307	7.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.30	0.42	0.73	0.92	1.15	1.47	0.84	17.8		
1-K6K6-794- 5308	8.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.32	0.46	0.81	1.01	1.26	1.62	0.96	20.3		
1-K6K6-794- 5309	9.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.35	0.50	0.88	1.10	1.38	1.77	1.08	22.9		
1-K6K6-794- 5310	10.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.38	0.54	0.95	1.20	1.49	1.92	1.20	25.4		
1-K6K6-794- 5311	11.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.41	0.58	1.03	1.29	1.61	2.07	1.32	27.9		
1-K6K6-794- 5312	12.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.43	0.62	1.10	1.38	1.73	2.22	1.44	30.5		
1-K6K6-794- 5313	13.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.46	0.66	1.18	1.48	1.84	2.37	1.56	33.0		
1-K6K6-794- 5314	14.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.49	0.70	1.25	1.57	1.96	2.52	1.68	35.6		
1-K6K6-794- 5315	15.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.52	0.75	1.32	1.66	2.07	2.67	1.80	38.1		
1-K6K6-794- 5316	16.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.55	0.79	1.40	1.76	2.19	2.82	1.92	40.6		
1-K6K6-794- 5317	17.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.57	0.83	1.47	1.85	2.31	2.97	2.04	43.2		
1-K6K6-794- 5318	18.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.60	0.87	1.55	1.94	2.42	3.12	2.16	45.7		
1-K6K6-794- 5319	19.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.63	0.91	1.62	2.04	2.54	3.27	2.28	48.3		
1-K6K6-794- 5320	20.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.66	0.95	1.69	2.13	2.65	3.42	2.40	50.8		
1-K6K6-794- 5321	21.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.69	0.99	1.77	2.23	2.77	3.57	2.52	53.3		
1-K6K6-794- 5322	22.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.71	1.03	1.84	2.32	2.89	3.72	2.64	55.9		
1-K6K6-794- 5323	23.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.74	1.07	1.92	2.41	3.00	3.87	2.76	58.4		
1-K6K6-794- 5324	24.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.77	1.11	1.99	2.51	3.12	4.02	2.88	61.0		
1-K6K6-794- 5325	25.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.80	1.15	2.07	2.60	3.23	4.17	3.00	63.5		
1-K6K6-794- 5326	26.00	0.26	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.82	1.19	2.14	2.69	3.35	4.33	3.12	66.0		
1-K6K6-794- 5327	27.00	0.27	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.85	1.23	2.21	2.79	3.47	4.48	3.24	68.6		
1-K6K6-794- 5328	28.00	0.28	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.88	1.27	2.29	2.88	3.58	4.63	3.36	71.1		
1-K6K6-794- 5329	29.00	0.29	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.91	1.31	2.36	2.97	3.70	4.78	3.48	73.7		
1-K6K6-794- 5330	30.00	0.30	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.94	1.35	2.44	3.07	3.81	4.93	3.60	76.2		
1-K6K6-794- 5331	31.00	0.31	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.96	1.39	2.51	3.16	3.93	5.08	3.71	78.7		
1-K6K6-794- 5332	32.00	0.32	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.99	1.43	2.58	3.25	4.05	5.23	3.83	81.3		
1-K6K6-794- 5333	33.00	0.33	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.02	1.47	2.66	3.35	4.16	5.38	3.95	83.8		
1-K6K6-794- 5334	34.00	0.34	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.05	1.51	2.73	3.44	4.28	5.53	4.07	86.4		
1-K6K6-794- 5335	35.00	0.35	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.07	1.55	2.81	3.53	4.39	5.68	4.19	88.9		
1-K6K6-794- 5336	36.00	0.36	0.9	1.16	1.21	1.28	1.38	1.43	1.48	1.10	1.59	2.88	3.63	4.51	5.83	4.31	91.4		
1-K6K6-794- 5339	39.00	0.39	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.19	1.71	3.10	3.91	4.86	6.28	4.67	99.1		
1-K6K6-794- 5340	40.00	0.40	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.21	1.75	3.18	4.00	4.97	6.43	4.79	101.6		
1-K6K6-794- 5341	41.00	0.41	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.24	1.79	3.25	4.10	5.09	6.58	4.91	104.1		
1-K6K6-794- 5342	42.00	0.42	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.27	1.83	3.32	4.19	5.21	6.73	5.03	106.7		
1-K6K6-794- 5348	48.00	0.48	1.2	1.16	1.21	1.28	1.38	1.43	1.48	1.44	2.08	3.77	4.75	5.90	7.63	5.75	121.9		

MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM PLUS 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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Q-Flex and Q-Flex Plus

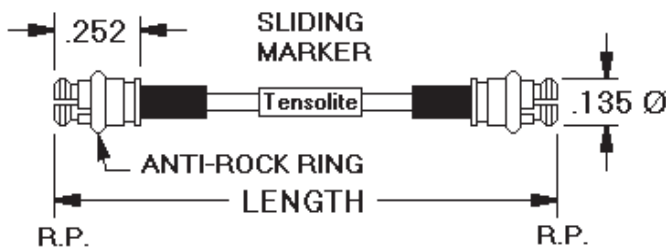


### TENSOLITE CABLE ASSEMBLY TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
IMPEDANCE, NOMINAL:	50 OHMS
CAPACITANCE NOMINAL:	29.4 pF/FOOT
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %
RELATIVE SHIELDING	-100 dB MIN.
INSULATION RESISTANCE:	1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.
ELECTRICAL DELAY:	1.44 ns/FOOT
ELECTRICAL DELAY:	120 ps/INCH
MAX. PULSE RF POWER:	1250 WATTS
(INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)	
F (IN GHz) ----->	2 4 12 18 26 40
MAX. CW WATTS -->	56 39 21 17 14 11

MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.110 INCHES
MIN. BEND RADIUS:	0.55 INCHES
PREFERRED BEND RADIUS:	1.10 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-65 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	COMMERCIAL SMP

### SMP PLUG TO SMP PLUG ON 794 Q-FLEX® CABLE.



MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
BODIES:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

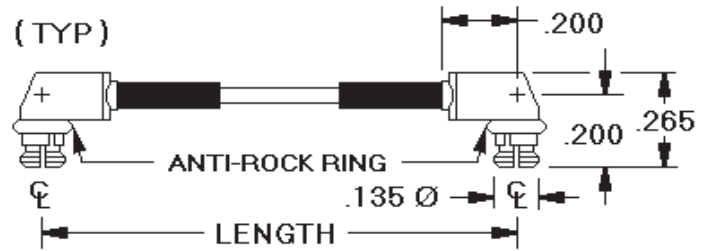
ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS						S21 AND S12 CHARACTERISTICS						NOM DELAY nS	LENGTH CM
	LENGTH INCHES	+ / - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)						MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)							
				UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	26 TO 40	UP TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	26 TO 40		
1-G6G6-794-3302	2.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.20	0.28	0.47	0.58	0.72	0.91	0.24	5.1
1-G6G6-794-3303	3.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.23	0.32	0.54	0.67	0.84	1.06	0.36	7.6
1-G6G6-794-3304	4.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.25	0.36	0.61	0.76	0.95	1.21	0.48	10.2
1-G6G6-794-3305	5.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.28	0.40	0.69	0.86	1.07	1.36	0.60	12.7
1-G6G6-794-3306	6.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.31	0.44	0.76	0.95	1.18	1.51	0.72	15.2
1-G6G6-794-3307	7.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.34	0.48	0.84	1.04	1.30	1.66	0.84	17.8
1-G6G6-794-3308	8.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.37	0.52	0.91	1.14	1.42	1.81	0.96	20.3
1-G6G6-794-3309	9.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.39	0.56	0.98	1.23	1.53	1.96	1.08	22.9
1-G6G6-794-3310	10.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.42	0.60	1.06	1.32	1.65	2.11	1.20	25.4
1-G6G6-794-3311	11.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.45	0.64	1.13	1.42	1.76	2.26	1.32	27.9
1-G6G6-794-3312	12.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.48	0.68	1.21	1.51	1.88	2.41	1.44	30.5
1-G6G6-794-3313	13.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.50	0.72	1.28	1.60	2.00	2.56	1.56	33.0
1-G6G6-794-3314	14.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.53	0.76	1.35	1.70	2.11	2.71	1.68	35.6
1-G6G6-794-3315	15.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.56	0.81	1.43	1.79	2.23	2.86	1.80	38.1
1-G6G6-794-3316	16.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.59	0.85	1.50	1.89	2.34	3.01	1.92	40.6
1-G6G6-794-3317	17.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.62	0.89	1.58	1.98	2.46	3.16	2.04	43.2
1-G6G6-794-3318	18.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.64	0.93	1.65	2.07	2.58	3.31	2.16	45.7
1-G6G6-794-3319	19.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.67	0.97	1.72	2.17	2.69	3.46	2.28	48.3
1-G6G6-794-3320	20.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.70	1.01	1.80	2.26	2.81	3.61	2.40	50.8
1-G6G6-794-3321	21.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.73	1.05	1.87	2.35	2.92	3.76	2.52	53.3
1-G6G6-794-3322	22.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.76	1.09	1.95	2.45	3.04	3.91	2.64	55.9
1-G6G6-794-3323	23.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.78	1.13	2.02	2.54	3.16	4.06	2.76	58.4
1-G6G6-794-3324	24.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.81	1.17	2.10	2.63	3.27	4.21	2.88	61.0
1-G6G6-794-3325	25.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.84	1.21	2.17	2.73	3.39	4.36	3.00	63.5
1-G6G6-794-3326	26.00	0.26	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.87	1.25	2.24	2.82	3.50	4.51	3.12	66.0
1-G6G6-794-3327	27.00	0.27	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.89	1.29	2.32	2.91	3.62	4.67	3.24	68.6
1-G6G6-794-3328	28.00	0.28	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.92	1.33	2.39	3.01	3.74	4.82	3.36	71.1
1-G6G6-794-3329	29.00	0.29	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.95	1.37	2.47	3.10	3.85	4.97	3.48	73.7
1-G6G6-794-3330	30.00	0.30	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.98	1.41	2.54	3.19	3.97	5.12	3.60	76.2
1-G6G6-794-3331	31.00	0.31	0.8	1.13	1.18	1.25	1.35	1.40	1.45	1.01	1.45	2.61	3.29	4.08	5.27	3.71	78.7
1-G6G6-794-3332	32.00	0.32	0.8	1.13	1.18	1.25	1.35	1.40	1.45	1.03	1.49	2.69	3.38	4.20	5.42	3.83	81.3
1-G6G6-794-3333	33.00	0.33	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.06	1.53	2.76	3.47	4.32	5.57	3.95	83.8
1-G6G6-794-3334	34.00	0.34	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.09	1.57	2.84	3.57	4.43	5.72	4.07	86.4
1-G6G6-794-3335	35.00	0.35	0.9	1.13	1.18	1.25	1.35	1.40	1.45	1.12	1.61	2.91	3.66	4.55	5.87	4.19	88.9
1-G6G6-794-3336	36.00	0.36	0.9	1.16	1.21	1.28	1.38	1.43	1.48	1.15	1.65	2.98	3.76	4.66	6.02	4.31	91.4
1-G6G6-794-3339	39.00	0.39	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.23	1.77	3.21	4.04	5.01	6.47	4.67	99.1
1-G6G6-794-3340	40.00	0.40	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.26	1.81	3.28	4.13	5.13	6.62	4.79	101.6
1-G6G6-794-3341	41.00	0.41	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.28	1.85	3.35	4.22	5.24	6.77	4.91	104.1
1-G6G6-794-3342	42.00	0.42	1.0	1.16	1.21	1.28	1.38	1.43	1.48	1.31	1.89	3.43	4.32	5.36	6.92	5.03	106.7
1-G6G6-794-3348	48.00	0.48	1.2	1.16	1.21	1.28	1.38	1.43	1.48	1.48	2.14	3.87	4.88	6.06	7.82	5.75	121.9

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.  
 Q-FLEX IS A REGISTERED TRADEMARK OF TENSOLITE CO.  
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**TENSOLITE CABLE ASSEMBLY TECHNICAL DATA**

**SMP RT.< PLUG TO SMP RT.< PLUG ON 794 Q-FLEX® CABLE.**

ELECTRICAL SPECIFICATIONS						
IMPEDANCE, NOMINAL:	50 OHMS					
CAPACITANCE NOMINAL:	29.4 pF/FOOT					
VELOCITY OF PROPAGATION, NOMINAL:	70.7 %					
RELATIVE SHIELDING	-100 dB MIN.					
INSULATION RESISTANCE:	1000 MEGOHMS MIN.					
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VRMS MIN.					
ELECTRICAL DELAY:	1.44 ns/FOOT					
ELECTRICAL DELAY:	120 ps/INCH					
MAX. PULSE RF POWER:	1250 WATTS (INTO A 50 OHM SYSTEM, WITH DUTY CYCLE LESS THAN CW RATING)					
F (IN GHz) ----->	1	2	4	12	18	26
MAX. CW WATTS ---->	18	59	40	21	16	13



MECHANICAL SPECIFICATIONS:	
CABLE MAX. DIAMETER:	0.110 INCHES
MIN. BEND RADIUS:	0.55 INCHES
PREFERRED BEND RADIUS:	1.10 INCHES
CONNECTOR RETENTION:	30 POUNDS MIN.
TEMPERATURE RANGE:	-65 / +105 DEGREES C
MATING TORQUE:	7-10 INCH POUNDS
CONNECTOR INTERFACE:	COMMERCIAL SMP

MATERIALS AND FINISHES		
DESCRIPTION	MATERIAL	FINISH OR COLOR
CABLE JACKET:	L-P-389 FEP	BLUE
MARKER:	MIL-I-23053/5	GRAY
BOOT:	MIL-I-23053/4	BLACK
SOLDER:	QQ-S-571	NONE
FLUX:	MIL-F-14256, RMA	NONE
CONTACTS:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
INSULATORS:	ASTM-D-1710, PTFE	NONE
BODIES:	ASTM-B-196, BeCu	MIL-G-45204 GOLD PLATED
SOLVENTS:	NO OZONE DEPLETING MATERIALS ARE USED	

ITEM INFORMATION PART NUMBER	MECHANICAL CHARACTERISTICS			S11 AND S22 CHARACTERISTICS							S21 AND S12 CHARACTERISTICS								
	LENGTH INCHES	+ / - LENGTH	WEIGHT OUNCES	MAXIMUM VSWR :1 AT FREQUENCY (IN GHz.)							MAXIMUM INSERTION LOSS IN dB AT FREQ. (IN GHz.)							NOM DELAY nS	LENGTH CM
				UP TO 1	1 TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26	UP TO 1	1 TO 2	2 TO 4	4 TO 12	12 TO 18	18 TO 26				
1-G7G7-794-3302	2.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.15	0.21	0.28	0.48	0.61	0.75	0.24	5.1		
1-G7G7-794-3303	3.00	0.25	0.2	1.13	1.18	1.25	1.35	1.40	1.45	0.17	0.24	0.32	0.55	0.70	0.86	0.36	7.6		
1-G7G7-794-3304	4.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.19	0.26	0.36	0.62	0.79	0.98	0.48	10.2		
1-G7G7-794-3305	5.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.21	0.29	0.40	0.70	0.89	1.10	0.60	12.7		
1-G7G7-794-3306	6.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.23	0.32	0.44	0.77	0.98	1.22	0.72	15.2		
1-G7G7-794-3307	7.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.25	0.35	0.48	0.85	1.07	1.33	0.84	17.8		
1-G7G7-794-3308	8.00	0.25	0.3	1.13	1.18	1.25	1.35	1.40	1.45	0.26	0.38	0.52	0.92	1.17	1.45	0.96	20.3		
1-G7G7-794-3309	9.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.28	0.40	0.56	0.99	1.26	1.57	1.08	22.9		
1-G7G7-794-3310	10.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.30	0.43	0.60	1.07	1.35	1.69	1.20	25.4		
1-G7G7-794-3311	11.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.32	0.46	0.64	1.14	1.45	1.80	1.32	27.9		
1-G7G7-794-3312	12.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.34	0.49	0.68	1.22	1.54	1.92	1.44	30.5		
1-G7G7-794-3313	13.00	0.25	0.4	1.13	1.18	1.25	1.35	1.40	1.45	0.36	0.51	0.72	1.29	1.63	2.04	1.56	33.0		
1-G7G7-794-3314	14.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.38	0.54	0.76	1.36	1.73	2.15	1.68	35.6		
1-G7G7-794-3315	15.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.40	0.57	0.81	1.44	1.82	2.27	1.80	38.1		
1-G7G7-794-3316	16.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.42	0.60	0.85	1.51	1.92	2.39	1.92	40.6		
1-G7G7-794-3317	17.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.44	0.63	0.89	1.59	2.01	2.51	2.04	43.2		
1-G7G7-794-3318	18.00	0.25	0.5	1.13	1.18	1.25	1.35	1.40	1.45	0.46	0.65	0.93	1.66	2.10	2.62	2.16	45.7		
1-G7G7-794-3319	19.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.48	0.68	0.97	1.73	2.20	2.74	2.28	48.3		
1-G7G7-794-3320	20.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.50	0.71	1.01	1.81	2.29	2.86	2.40	50.8		
1-G7G7-794-3321	21.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.52	0.74	1.05	1.88	2.38	2.98	2.52	53.3		
1-G7G7-794-3322	22.00	0.25	0.6	1.13	1.18	1.25	1.35	1.40	1.45	0.54	0.77	1.09	1.96	2.48	3.09	2.64	55.9		
1-G7G7-794-3323	23.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.55	0.79	1.13	2.03	2.57	3.21	2.76	58.4		
1-G7G7-794-3324	24.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.57	0.82	1.17	2.11	2.66	3.33	2.88	61.0		
1-G7G7-794-3325	25.00	0.25	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.59	0.85	1.21	2.18	2.76	3.44	3.00	63.5		
1-G7G7-794-3326	26.00	0.26	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.61	0.88	1.25	2.25	2.85	3.56	3.12	66.0		
1-G7G7-794-3327	27.00	0.27	0.7	1.13	1.18	1.25	1.35	1.40	1.45	0.63	0.90	1.29	2.33	2.94	3.68	3.24	68.6		
1-G7G7-794-3328	28.00	0.28	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.65	0.93	1.33	2.40	3.04	3.80	3.36	71.1		
1-G7G7-794-3329	29.00	0.29	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.67	0.96	1.37	2.48	3.13	3.91	3.48	73.7		
1-G7G7-794-3330	30.00	0.30	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.69	0.99	1.41	2.55	3.22	4.03	3.60	76.2		
1-G7G7-794-3331	31.00	0.31	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.71	1.02	1.45	2.62	3.32	4.15	3.71	78.7		
1-G7G7-794-3332	32.00	0.32	0.8	1.13	1.18	1.25	1.35	1.40	1.45	0.73	1.04	1.49	2.70	3.41	4.27	3.83	81.3		
1-G7G7-794-3333	33.00	0.33	0.9	1.13	1.18	1.25	1.35	1.40	1.45	0.75	1.07	1.53	2.77	3.50	4.38	3.95	83.8		
1-G7G7-794-3334	34.00	0.34	0.9	1.13	1.18	1.25	1.35	1.40	1.45	0.77	1.10	1.57	2.85	3.60	4.50	4.07	86.4		
1-G7G7-794-3335	35.00	0.35	0.9	1.13	1.18	1.25	1.35	1.40	1.45	0.79	1.13	1.61	2.92	3.69	4.62	4.19	88.9		
1-G7G7-794-3336	36.00	0.36	0.9	1.16	1.21	1.28	1.38	1.43	1.48	0.81	1.16	1.65	2.99	3.79	4.74	4.31	91.4		
1-G7G7-794-3339	39.00	0.39	1.0	1.16	1.21	1.28	1.38	1.43	1.48	0.86	1.24	1.77	3.22	4.07	5.09	4.67	99.1		
1-G7G7-794-3340	40.00	0.40	1.0	1.16	1.21	1.28	1.38	1.43	1.48	0.88	1.27	1.81	3.29	4.16	5.20	4.79	101.6		
1-G7G7-794-3341	41.00	0.41	1.0	1.16	1.21	1.28	1.38	1.43	1.48	0.90	1.29	1.85	3.36	4.25	5.32	4.91	104.1		
1-G7G7-794-3342	42.00	0.42	1.0	1.16	1.21	1.28	1.38	1.43	1.48	0.92	1.32	1.89	3.44	4.35	5.44	5.03	106.7		
1-G7G7-794-3348	48.00	0.48	1.2	1.16	1.21	1.28	1.38	1.43	1.48	1.04	1.49	2.14	3.88	4.91	6.14	5.75	121.9		

MAXIMUM SPECIFICATIONS ARE PRODUCT MAXIMUM PLUS MEASURING SYSTEM UNCERTAINTY.

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