

Ceramic Thru-Line

Typical Performance Data

TPCV-3002+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.01	0.04	0.01	0.04	40.19	39.09	39.87
0.05	0.01	0.01	0.01	56.73	50.77	46.91
0.10	0.00	0.01	0.01	44.08	42.35	40.78
0.50	0.01	0.03	0.03	32.70	31.88	30.80
1.00	0.03	0.05	0.05	25.88	25.56	24.72
2.00	0.10	0.11	0.12	20.81	20.88	20.52
3.00	0.12	0.15	0.16	19.99	19.89	19.25
4.00	0.15	0.17	0.19	18.81	18.80	18.17
5.00	0.18	0.21	0.22	17.02	16.92	16.76
6.00	0.19	0.24	0.26	16.32	16.13	16.02
7.00	0.19	0.24	0.26	17.43	17.18	17.13
8.00	0.18	0.22	0.23	19.19	18.87	19.62
9.00	0.16	0.18	0.21	22.15	21.49	22.79
10.00	0.17	0.21	0.23	27.28	25.96	28.21
11.00	0.26	0.31	0.32	46.62	40.10	37.01
12.00	0.37	0.43	0.41	30.83	33.58	27.21
13.00	0.41	0.45	0.46	24.48	25.52	22.21
14.00	0.34	0.38	0.42	19.20	19.70	17.62
15.00	0.34	0.39	0.43	16.53	16.92	16.08
16.00	0.33	0.37	0.42	17.26	17.60	16.98
17.00	0.31	0.35	0.41	17.34	17.45	16.75
18.00	0.40	0.49	0.49	16.65	16.47	16.67
19.00	0.65	0.78	0.71	18.97	18.80	20.10
20.00	0.85	0.97	0.91	26.27	25.46	28.95
21.00	0.80	0.86	0.81	31.08	27.87	40.04
22.00	0.47	0.51	0.53	33.85	30.55	32.12
23.00	0.37	0.43	0.53	22.06	23.70	19.09
24.00	0.53	0.55	0.70	17.05	18.57	15.69
25.00	0.53	0.58	0.66	17.45	18.84	16.29
26.00	0.63	0.76	0.76	17.30	18.27	16.15
27.00	0.88	1.04	1.02	15.01	15.99	14.42
28.00	0.95	1.07	1.03	16.25	16.93	16.91
29.00	1.04	1.14	1.10	23.38	23.56	27.53
30.00	1.08	1.16	1.13	24.56	26.08	28.44
31.00	0.90	0.98	1.03	25.70	25.22	20.10
32.00	0.92	1.01	1.29	13.36	13.99	10.56