

# Coaxial Low Pass Filter (Ultra Reliable)

# VLP-16

## Typical Performance Curves

FREQ. (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)
	@ +25° C	@ +25° C	@ +25° C
10	0.05	43.66	43.72
25	0.06	39.62	39.52
50	0.08	35.87	35.79
100	0.11	31.87	31.81
200	0.15	28.26	28.19
300	0.19	27.27	27.20
400	0.23	28.26	28.22
500	0.26	32.29	32.04
600	0.30	51.84	42.18
700	0.34	32.83	32.38
800	0.39	26.82	26.80
900	0.44	24.61	24.78
1000	0.49	24.96	25.32
1100	0.54	28.07	28.24
1200	0.60	29.33	28.71
1300	0.68	26.23	27.04
1350	0.72	25.93	28.59
1400	0.78	24.75	29.69
1500	1.09	14.67	15.50
1550	1.53	10.25	10.62
1700	5.16	3.02	3.05
1800	9.07	1.46	1.45
2000	17.07	0.57	0.58
2100	20.75	0.44	0.45
2200	24.27	0.38	0.38
2400	31.28	0.35	0.32
2500	35.09	0.32	0.30
2700	45.01	0.28	0.29
2800	54.38	0.29	0.28
3000	49.95	0.40	0.28
3200	44.43	0.42	0.27
3400	42.04	0.34	0.29
3500	41.27	0.32	0.31
3800	39.64	0.35	0.31
4000	38.83	0.33	0.30
4200	38.00	0.30	0.32
4400	37.05	0.28	0.33
4500	36.52	0.26	0.32
4800	34.93	0.24	0.30
5000	33.71	0.26	0.32
5200	32.34	0.22	0.30
5400	30.89	0.22	0.26
5500	30.18	0.26	0.26
5800	27.94	0.34	0.25
6000	26.32	0.29	0.26
6200	24.41	0.41	0.30
6400	21.74	0.70	0.40
6500	19.72	0.97	0.54
6800	8.95	17.68	6.87
7000	16.02	2.38	2.18
7400	21.28	0.68	0.63
7500	21.04	0.70	0.77
7800	21.37	1.08	6.87
8000	9.31	2.37	4.30

REV. X1  
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