

# Coaxial Low Pass Filter

# VLFX-650+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
50.0	0.22	31.68
100.0	0.28	28.38
200.0	0.38	27.01
300.0	0.43	28.36
400.0	0.51	29.81
460.0	0.56	33.92
500.0	0.59	36.63
550.0	0.62	31.27
600.0	0.69	25.94
650.0	0.83	22.55
700.0	0.81	20.38
800.0	1.05	18.98
900.0	1.21	22.62
1000.0	1.87	29.96
1200.0	19.37	2.24
1275.0	30.00	1.63
1400.0	36.33	1.65
1450.0	38.87	1.76
1500.0	42.70	1.92
2000.0	45.88	2.95
2500.0	75.59	1.01
3000.0	66.21	0.75
3500.0	68.20	0.84
4000.0	73.64	0.92
4500.0	63.98	1.21
5000.0	73.72	1.21
5500.0	72.68	2.12
6000.0	54.94	1.92
6500.0	87.59	1.00
7000.0	75.15	0.73
7500.0	59.38	0.62
8000.0	51.84	0.48
8500.0	42.82	0.48
9000.0	50.73	0.45
9500.0	47.15	0.47
10000.0	60.72	0.49
11000.0	68.64	0.46
12000.0	70.14	0.53
13000.0	60.58	2.60
14000.0	60.79	0.63
15000.0	56.88	0.28
16000.0	63.29	0.41
17000.0	65.88	0.68
18000.0	50.95	1.19
19000.0	53.53	1.82
20000.0	60.41	2.93

REV. X1  
VLFX-650+  
110511  
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