

Coaxial Reflectionless High Pass Filter

ZXHF-K252+

Typical Performance Data

| FREQ. | Insertion Loss | Input Return Loss | Output Return Loss | FREQ. | Group Delay |
|-------|----------------|-------------------|--------------------|-------|-------------|
| (MHz) | (dB) | (dB) | (dB) | (MHz) | (ns) |
| 1 | 39.14 | 32.03 | 32.55 | 2460 | 0.31 |
| 5 | 39.02 | 32.93 | 32.98 | 2500 | 0.30 |
| 10 | 38.59 | 32.82 | 32.88 | 2520 | 0.30 |
| 15 | 37.94 | 32.76 | 32.81 | 2550 | 0.29 |
| 25 | 36.39 | 32.66 | 32.58 | 2600 | 0.28 |
| 50 | 32.54 | 36.76 | 35.24 | 2650 | 0.28 |
| 100 | 27.53 | 33.12 | 32.40 | 2700 | 0.27 |
| 250 | 20.43 | 28.85 | 28.72 | 2720 | 0.27 |
| 300 | 19.06 | 27.82 | 27.53 | 2750 | 0.27 |
| 450 | 16.36 | 25.35 | 25.18 | 2800 | 0.26 |
| 500 | 15.77 | 24.66 | 24.57 | 2850 | 0.26 |
| 550 | 15.31 | 23.94 | 23.87 | 2900 | 0.25 |
| 600 | 14.97 | 23.35 | 23.30 | 2950 | 0.25 |
| 650 | 14.73 | 22.85 | 22.80 | 3000 | 0.24 |
| 750 | 14.56 | 21.74 | 21.74 | 3050 | 0.24 |
| 900 | 15.18 | 20.41 | 20.42 | 3100 | 0.24 |
| 950 | 15.67 | 19.97 | 20.02 | 3150 | 0.23 |
| 1000 | 16.36 | 19.69 | 19.67 | 3200 | 0.23 |
| 1150 | 20.48 | 18.85 | 18.91 | 3250 | 0.23 |
| 1270 | 30.44 | 18.53 | 18.62 | 3300 | 0.23 |
| 1300 | 33.66 | 18.54 | 18.65 | 3350 | 0.22 |
| 1500 | 15.02 | 19.32 | 19.41 | 3400 | 0.22 |
| 1520 | 14.07 | 19.51 | 19.62 | 3450 | 0.22 |
| 1600 | 10.95 | 20.38 | 20.48 | 3500 | 0.22 |
| 1750 | 6.98 | 22.47 | 22.48 | 3550 | 0.21 |
| 1900 | 4.52 | 24.40 | 24.30 | 3600 | 0.21 |
| 1950 | 3.94 | 25.00 | 24.94 | 3650 | 0.21 |
| 2000 | 3.45 | 25.57 | 25.57 | 3700 | 0.21 |
| 2030 | 3.18 | 25.98 | 25.99 | 3750 | 0.21 |
| 2100 | 2.68 | 27.34 | 27.32 | 3800 | 0.21 |
| 2460 | 1.38 | 37.70 | 41.15 | 3850 | 0.20 |
| 2500 | 1.31 | 35.03 | 35.80 | 3900 | 0.20 |
| 3000 | 0.93 | 20.29 | 20.40 | 3950 | 0.20 |
| 3700 | 0.96 | 14.95 | 15.10 | 4000 | 0.20 |
| 4000 | 1.00 | 13.90 | 13.99 | 4050 | 0.20 |
| 4500 | 1.06 | 12.86 | 12.94 | 4100 | 0.20 |
| 4800 | 1.06 | 12.64 | 12.64 | 4150 | 0.20 |
| 5000 | 1.07 | 12.56 | 12.65 | 4200 | 0.20 |
| 5500 | 1.04 | 12.73 | 12.67 | 4250 | 0.20 |
| 5800 | 1.02 | 13.12 | 12.99 | 4300 | 0.19 |
| 6000 | 0.99 | 13.40 | 13.23 | 4500 | 0.19 |
| 6200 | 0.97 | 13.72 | 13.58 | 5000 | 0.19 |
| 6500 | 0.95 | 14.31 | 14.17 | 5050 | 0.19 |
| 7000 | 0.93 | 15.58 | 15.45 | 5100 | 0.19 |
| 7200 | 0.93 | 16.67 | 16.63 | 5250 | 0.19 |
| 7400 | 0.92 | 16.86 | 16.63 | 5500 | 0.19 |
| 7500 | 0.91 | 16.97 | 16.99 | 5600 | 0.19 |
| 7800 | 0.93 | 17.05 | 16.99 | 5800 | 0.18 |
| 8000 | 0.95 | 17.27 | 17.15 | 6000 | 0.18 |
| 8200 | 0.98 | 17.12 | 16.94 | 6200 | 0.18 |
| 8500 | 0.99 | 16.73 | 16.61 | 6500 | 0.18 |
| 8800 | 1.02 | 16.25 | 16.04 | 7000 | 0.18 |
| 9000 | 1.05 | 15.77 | 15.57 | 7500 | 0.18 |
| 9200 | 1.09 | 15.31 | 15.06 | 8000 | 0.18 |
| 9500 | 1.14 | 14.45 | 14.16 | 8500 | 0.18 |
| 9800 | 1.20 | 13.48 | 13.25 | 9000 | 0.18 |
| 10000 | 1.25 | 12.86 | 12.66 | 9500 | 0.18 |
| 10200 | 1.33 | 12.22 | 12.04 | 10000 | 0.18 |
| 10300 | 1.34 | 11.89 | 11.74 | 10200 | 0.18 |
| 10400 | 1.39 | 11.59 | 11.45 | 10400 | 0.18 |