

# Amplifier

## ZFL-2000+

### Typical Performance Data

| FREQUENCY<br>(MHz) | GAIN<br>(dB) |       |       | DIRECTIVITY<br>(dB) |       |       | VSWR<br>IN<br>(:1)<br>15V | VSWR OUT<br>(:1)<br>15V | NOISE<br>FIGURE<br>(dB)<br>15V | Pout at<br>1dB Comp.<br>(dBm)<br>15V |
|--------------------|--------------|-------|-------|---------------------|-------|-------|---------------------------|-------------------------|--------------------------------|--------------------------------------|
|                    | 12V          | 15V   | 16V   | 12V                 | 15V   | 16V   |                           |                         |                                |                                      |
| 10.0               | 20.67        | 21.23 | 21.35 | 17.50               | 16.70 | 16.80 | 1.65                      | 1.78                    | 5.52                           | 15.80                                |
| 19.1               | 20.87        | 21.42 | 21.53 | 16.80               | 16.40 | 16.60 | 1.62                      | 1.44                    | 5.24                           | 16.11                                |
| 50.5               | 20.82        | 21.38 | 21.49 | 17.10               | 16.80 | 16.60 | 1.62                      | 1.30                    | 4.28                           | 15.83                                |
| 133.4              | 20.79        | 21.34 | 21.45 | 17.00               | 16.50 | 16.20 | 1.60                      | 1.30                    | 3.96                           | 15.95                                |
| 352.3              | 20.77        | 21.30 | 21.41 | 16.10               | 15.80 | 15.80 | 1.56                      | 1.33                    | 4.14                           | 16.30                                |
| 724.4              | 21.03        | 21.53 | 21.64 | 14.50               | 13.90 | 13.90 | 1.43                      | 1.35                    | 4.23                           | 16.76                                |
| 877.4              | 21.07        | 21.56 | 21.65 | 13.80               | 13.30 | 13.00 | 1.37                      | 1.27                    | 4.28                           | 16.72                                |
| 1030.5             | 20.97        | 21.46 | 21.55 | 13.00               | 12.60 | 12.60 | 1.31                      | 1.19                    | 4.39                           | 16.69                                |
| 1132.6             | 20.85        | 21.37 | 21.47 | 12.90               | 12.30 | 12.30 | 1.29                      | 1.16                    | 4.44                           | 16.60                                |
| 1234.6             | 20.76        | 21.27 | 21.37 | 12.50               | 12.40 | 12.40 | 1.30                      | 1.21                    | 4.49                           | 16.73                                |
| 1387.7             | 20.56        | 21.06 | 21.14 | 12.20               | 11.90 | 12.10 | 1.43                      | 1.36                    | 4.59                           | 16.74                                |
| 1540.8             | 20.50        | 20.96 | 21.02 | 11.60               | 11.60 | 11.50 | 1.63                      | 1.54                    | 4.78                           | 16.74                                |
| 1693.8             | 20.68        | 21.11 | 21.17 | 10.20               | 10.50 | 10.50 | 1.79                      | 1.61                    | 4.90                           | 16.99                                |
| 1846.9             | 20.87        | 21.32 | 21.40 | 8.60                | 9.10  | 9.10  | 1.77                      | 1.43                    | 4.99                           | 16.99                                |
| 2000.0             | 20.86        | 21.38 | 21.47 | 7.50                | 7.80  | 8.10  | 1.47                      | 1.07                    | 5.30                           | 16.80                                |

REV. X1  
ZFL-2000+  
060913  
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

