

| Page 14   | 18.0    | 26.5    | 33.0    | 40.0    | 50.0    | 60.0    | 75.0    | 90.0    | 110.0   | 140.0   | 170.0   | 220.0   |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| TE <sub>10</sub> FREQUENCY IN GHz               | 26.5    | 40.0    | 50.0    | 60.0    | 75.0    | 90.0    | 110.0   | 140.0   | 170.0   | 220.0   | 260.0   | 325.0   |
| <b>AEROWAVE FLANGE INTERFACE</b>                | 42-0101 | 28-0101 | 22-0110 | 19-0110 | 15-0120 | 12-0120 | 10-0120 | 08-0130 | 06-0130 | 05-0130 | 04-0130 | 03-0130 |
| <b>EIA WAVEGUIDE WR- ( ## )</b>                 | 42      | 28      | 22      | 19      | 15      | 12      | 10      | 08      | 06      | 05      | 04      | 03      |
| <b>DIRECT READING PHASE SHIFTERS</b>            |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>(##)-2300</b> \$                             |         |         |         |         |         |         |         |         |         |         |         |         |
| PHASE SHIFT RANGE $\pm 360^\circ$               |         |         |         |         |         |         |         |         |         |         |         |         |
| READING ACCURACY                                |         |         |         |         |         |         |         |         |         |         |         |         |
| INSERTION LOSS MAX. (dB)                        |         |         |         |         |         |         |         |         |         |         |         |         |
| MAXIMUM CW P <sub>o</sub> . (WATTS)             |         |         |         |         |         |         |         |         |         |         |         |         |
| TYPICAL VSWR -----                              |         |         |         |         |         |         |         |         |         |         |         |         |
| INSERTION LENGTH (INCHES)                       |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>VARIABLE PHASE SHIFTER &gt; 180°</b>         |         |         |         |         |         |         |         |         |         |         |         |         |
| INSERTION LOSS MAX. (dB)                        | 0.4     | 0.4     | 0.5     | 0.5     | 0.6     | 0.7     | 0.8     | 0.9     | 1.0     | 1.1     | 1.2     | 1.4     |
| MAXIMUM CW P <sub>o</sub> . (WATTS)             | 0.8     | 0.7     | 0.6     | 0.5     | 0.4     | 0.4     | 0.3     | 0.3     | 0.2     | 0.2     | 0.1     | 0.1     |
| TYPICAL VSWR -----                              | 1.1:1   | 1.1:1   | 1.1:1   | 1.1:1   | 1.1:1   | 1.1:1   | 1.1:1   | 1.2:1   | 1.2:1   | 1.3:1   | 1.3:1   | 1.4:1   |
| INSERTION LENGTH (INCHES)                       | 3.50    | 3.00    | 3.00    | 3.00    | 2.75    | 2.75    | 2.75    | 2.50    | 2.50    | 2.50    | 2.50    | 2.50    |
| <b>(##)-2310</b> KNOB VARIABLE \$               | 725     | 575     | 625     | 700     | 625     | 700     | 775     | 950     | 1125    | 1325    | 1550    | 1800    |
| LEVEL SETTING - W / LOCKING NUT                 |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>(##)-2320</b> DIAL VARIABLE * \$             | 875     | 725     | 775     | 850     | 775     | 875     | 975     | 1350    | 1525    | 1725    | 1950    | 2200    |
| PRECISION REPEATABILITY - LOCKING               |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>(##)-2330</b> MIKE VARIABLE \$               | 875     | 725     | 775     | 850     | --      | --      | --      |         |         |         |         |         |
| PRECISION REPEATABILITY - LOCKING               |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>DIRECT READING FREQ. METER</b>               |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>(##)-2400</b>                                |         |         |         |         |         |         |         |         |         |         |         |         |
| DIAL GRADUATED IN MHz                           |         |         |         |         |         |         |         |         |         |         |         |         |
| % READING ACCURACY GHz )                        |         |         |         |         |         |         |         |         |         |         |         |         |
| DIP AT RESONANCE MIN (dB)                       |         |         |         |         |         |         |         |         |         |         |         |         |
| INSERTION LENGTH (INCHES)                       |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>FREQUENCY METER</b>                          |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>(##)-2450</b> MULTI DIP TE <sub>11N</sub> \$ |         |         | 1025    | 1225    | 1025    | 1225    | 1425    | 1650    | 1950    | 2450    | 3250    | 4050    |
| RESONANCE DIP CHART SUPPLIED                    |         |         |         |         |         |         |         |         |         |         |         |         |
| % READING ACCURACY (GHz )                       |         |         | .10     | .12     | .14     | .16     | .18     | .22     | .25     | .30     | .45     | .60     |
| DIP AT RESONANCE MIN (dB)                       |         |         | 1.4     | 1.3     | 1.2     | 1.1     | 1.0     | 0.9     | 0.8     | 0.7     | 0.6     | 0.5     |
| INSERTION LENGTH (INCHES)                       |         |         | 2.75    | 2.75    | 2.50    | 2.50    | 2.50    | 2.25    | 2.25    | 2.25    | 2.25    | 2.25    |