

Hardline Tap & Splitter Loss Chart

2 PORT TAP MAXIMUM INSERTION LOSS

| TAP VALUE | 4 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 32 | 35 |
|------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FREQUENCY | | | | | | | | | | | |
| 5 MHz | - | 3.5 | 2.0 | 1.4 | 1.4 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 300 MHz | - | 3.8 | 2.0 | 1.5 | 1.0 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| 400 MHz | - | 3.9 | 2.2 | 1.5 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| 500 MHz | - | 4.1 | 2.4 | 1.8 | 1.5 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600 MHz | - | 4.3 | 2.5 | 1.9 | 1.7 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 900 MHz | - | 5.1 | 3.2 | 2.5 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 1000 MHz | - | 5.5 | 3.6 | 3.0 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |

4 PORT TAP MAXIMUM INSERTION LOSS

| TAP VALUE | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 32 | 35 |
|------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FREQUENCY | | | | | | | | | | |
| 5 MHz | - | 3.5 | 2.0 | 1.4 | 1.4 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 |
| 300 MHz | - | 3.8 | 2.0 | 1.5 | 1.0 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 |
| 400 MHz | - | 3.9 | 2.2 | 1.5 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 |
| 500 MHz | - | 4.1 | 2.4 | 1.8 | 1.5 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600 MHz | - | 4.3 | 2.5 | 1.9 | 1.7 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 |
| 900 MHz | - | 5.1 | 3.2 | 3.0 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 1000 MHz | - | 5.5 | 3.6 | 3.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |

8 PORT TAP MAXIMUM INSERTION LOSS

| TAP VALUE | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
|------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|
| FREQUENCY | | | | | | | | | |
| 5 MHz | - | 3.5 | 2.0 | 1.4 | 1.4 | 1.0 | 0.8 | 0.8 | 0.8 |
| 300 MHz | - | 3.8 | 2.0 | 1.2 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 |
| 400 MHz | - | 3.9 | 2.1 | 1.5 | 1.1 | 1.0 | 0.9 | 0.9 | 0.9 |
| 500 MHz | - | 4.1 | 2.4 | 1.8 | 1.5 | 1.2 | 1.1 | 1.1 | 1.1 |
| 600 MHz | - | 4.3 | 2.5 | 1.9 | 1.7 | 1.4 | 1.3 | 1.2 | 1.2 |
| 900 MHz | - | 5.1 | 3.2 | 3.0 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 |
| 1000 MHz | - | 5.5 | 3.6 | 3.5 | 2.9 | 2.6 | 2.5 | 2.5 | 2.5 |

| | 2 WAY SPLITTER | 3 WAY SPLITTER | CTDC-8 | CTDC-12 | CTDC-16 | CTPI |
|------------------|-------------------|-------------------|--------|---------|---------|------|
| FREQUENCY | | | | | | |
| 5-10 MHz | 4.1 | 4.2/7.8 | 2.2 | 1.5 | 2.0 | 0.9 |
| 10-50 MHz | 4.0 | 4.1/7.8 | 2.2 | 1.4 | 1.4 | 0.7 |
| 50-300 MHz | 4.4 | 4.6/8.0 | 2.5 | 1.8 | 1.8 | 0.9 |
| 300-400 MHz | 4.4 | 4.6/8.2 | 2.6 | 1.9 | 1.9 | 1.0 |
| 400-500 MHz | 4.8 | 5.0/8.3 | 2.9 | 2.2 | 2.0 | 1.1 |
| 500-600 MHz | 5.0 | 5.2/8.5 | 3.2 | 2.3 | 2.1 | 1.2 |
| 600-900 MHz | 5.2 | 5.5/8.8 | 3.5 | 2.7 | 2.4 | 1.3 |
| 900-1000 MHz | 5.4 | 5.5/9.2 | 3.8 | 3.1 | 2.8 | 1.3 |