

| ELECTRICAL SPECIFICATIONS - 3D-LINE 4/8-WAY TAPS | | | | | | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 10 dB | 12 dB | 12 dB | 16 dB | 20 dB | 14 dB | 16 dB | 20 dB |
| | 3DTV410 | 3DTE412T | 3DTV412 | 3DTV416 | 3DTV420 | 3DTV814 | 3DTV816 | 3DTV820 |
| INSERTION LOSS (dB, Max.) - IN TO OUT | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 - 10 | 3.5 | 12.5 ± 1.5 | 3.5 | 1.6 | 0.9 | 4.3 | 3.0 | 2.0 |
| 10 - 65 | 3.5 | 12.5 ± 1.0 | 3.5 | 1.6 | 0.9 | 4.3 | 3.0 | 2.0 |
| 65 - 470 | 3.8 | 12.5 ± 1.0 | 3.6 | 1.6 | 0.9 | 4.3 | 3.3 | 2.6 |
| 470 - 862 | 4.0 | 12.5 ± 1.0 | 3.8 | 1.8 | 1.4 | 4.8 | 3.6 | 2.8 |
| 862 - 1006 | 4.2 | 12.5 ± 1.0 | 4.0 | 2.0 | 1.6 | 4.8 | 3.6 | 2.8 |
| 1006 - 1218 | 4.5 | 12.5 ± 1.5 | 4.3 | 2.5 | 2.1 | 5.1 | 3.9 | 3.1 |
| TAP LOSS (dB, Min.) - IN TO TAP | | | | | | | | |
| 5 - 10 | 10.0 ± 1.5 | - | 12.5 ± 1.5 | 16.0 ± 1.5 | 20.5 ± 1.5 | 14.0 ± 1.0 | 16.0 ± 1.5 | 19.5 ± 1.5 |
| 10 - 65 | 10.0 ± 1.0 | - | 12.5 ± 1.0 | 16.0 ± 1.0 | 20.0 ± 1.0 | 14.0 ± 1.0 | 16.0 ± 1.0 | 19.5 ± 1.5 |
| 65 - 470 | 10.0 ± 1.0 | - | 12.5 ± 1.0 | 16.0 ± 1.0 | 20.0 ± 1.0 | 14.0 ± 1.0 | 16.0 ± 1.0 | 20.0 ± 1.5 |
| 470 - 862 | 11.0 ± 1.0 | - | 12.5 ± 1.0 | 16.0 ± 1.0 | 20.0 ± 1.0 | 14.0 ± 1.5 | 16.0 ± 1.0 | 20.0 ± 1.5 |
| 862 - 1006 | 11.0 ± 1.0 | - | 12.5 ± 1.0 | 16.0 ± 1.0 | 20.0 ± 1.0 | 14.5 ± 1.5 | 16.0 ± 1.5 | 20.0 ± 1.5 |
| 1006 - 1218 | 11.0 ± 1.5 | - | 12.5 ± 1.5 | 16.5 ± 1.5 | 20.5 ± 2.0 | 15.5 ± 2.0 | 17.0 ± 1.5 | 20.0 ± 2.0 |
| RETURN LOSS (dB, Min.) - ALL PORTS | | | | | | | | |
| 5 - 1218 | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ | 22.0 ⁽¹⁾ |
| ISOLATION (dB, Min.) - OUT TO TAP | | | | | | | | |
| 5 - 10 | 30.0 | - | 32.0 | 32.0 | 34.0 | 27.0 | 27.0 | 30.0 |
| 10 - 65 | 30.0 | - | 32.0 | 30.0 | 36.0 | 30.0 | 30.0 | 33.0 |
| 65 - 470 | 28.0 | - | 32.0 | 30.0 | 34.0 | 28.0 | 28.0 | 34.0 |
| 470 - 862 | 24.0 | - | 27.0 | 28.0 | 32.0 | 23.0 | 23.0 | 30.0 |
| 862 - 1006 | 24.0 | - | 24.0 | 28.0 | 30.0 | 22.0 | 22.0 | 28.0 |
| 1006 - 1218 | 22.0 | - | 22.0 | 25.0 | 28.0 | 21.0 | 21.0 | 26.0 |
| ISOLATION (dB, Min.) - TAP TO TAP | | | | | | | | |
| 5 - 10 | 25.0 | 20.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 22.0 |
| 10 - 47 | 25.0 | 20.0 | 25.0 | 25.0 | 25.0 | 32.0 | 32.0 | 32.0 |
| 47 - 65 | 32.0 | 28.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| 65 - 470 | 32.0 | 28.0 | 32.0 | 32.0 | 32.0 | 28.0 | 28.0 | 28.0 |
| 470 - 862 | 32.0 | 25.0 | 32.0 | 32.0 | 32.0 | 23.0 | 23.0 | 23.0 |
| 862 - 950 | 30.0 | 22.0 | 30.0 | 30.0 | 30.0 | 22.0 | 22.0 | 22.0 |
| 950 - 1006 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| 1006 - 1218 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |