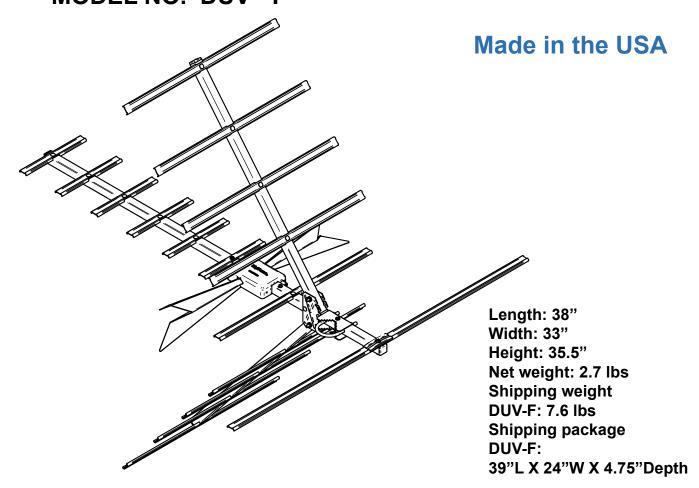


"FRINGE" MODEL MODEL NO. DUV®- F



Range: 0 to 50+ miles based on flat open terrain with no obstructions at 30 ft.

| GAIN | CH-7 | CH-10 | CH-13 | CH-14 | CH-27 | CH-39 | CH-51 |
|--------------------------|------|-------|-------|-------|-------|-------|-------|
| db over reference dipole | 2.0 | 3.3 | 2.5 | 8.4 | 9.3 | 10.8 | 10.9 |
| front to back ratio | 13.1 | 9.6 | 6.8 | 24.4 | 20.5 | 20.0 | 18.0 |

This antenna was measured in Georgia Tech. Research Institute's Anechoic Chamber using standard antenna measurement techniques in IEEE Standard Test Procedures (IEEE Std 149-1979)