

- Dual channel NTSC/DTV,DTV/DTV or NTSC/NTSC operation
- Top mount circularity
- Common aperture for multiple signals
- Proven superturnstile design

Dielectric's proven TF Series VHF Superturnstile antenna solves the problem for dual channel VHF assignments. Both the NTSC and the DTV channel can be combined into a single top mounted antenna. High levels of isolation between the inputs are provided by a hybrid combiner/splitter and dual feedline system. Models with 2 to 12 bays are available depending upon ERP requirements . Consult the factory for details on your specific application.

Mechanical Specifications- Typical

		Ch. 2-3	Ch. 4-6	Ch. 7-13
Height with lightning protector	H ₄ (ft)	105	86.8	41.3
Height less lightning protector	H ₂ (ft)	101	82.8	37.3
Height for center of radiation	H ₃ (ft)	51.5	42	19.3
Aerodynamic area (above tower top)	CaAc (ft ₂)	207	147	64
Moment arm (above tower top)	D ₁ (ft)	45	37.3	18.4
Aerodynamic area (below tower top)	CaAc (ft ₂)	29	22	10
Moment arm (below tower top)	D ₃ (ft)	10.3	8.1	5.3
Bury length	D ₂ (ft)	20	16.4	10
Weight	W (ton)	11	7.6	1.8
Deicer power (NTSC)	230/460 V	18 kW	12 kW	4.8 kW

Note: Structural design to TIA/EIA-222-F code with 80 mi/h basic wind speed.

Contact factory for application specific mechanical details.

Contact factory for broader band solutions.