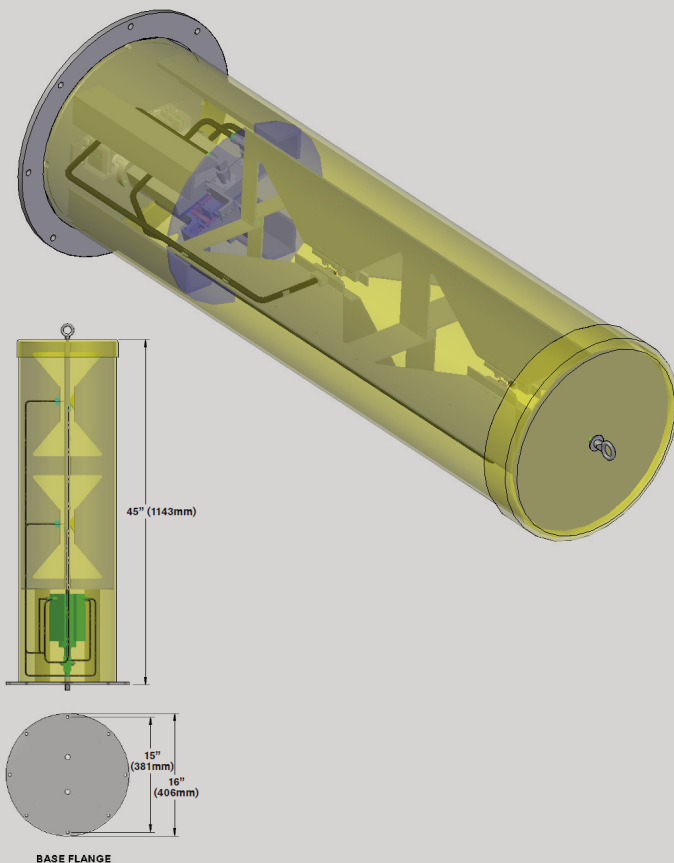
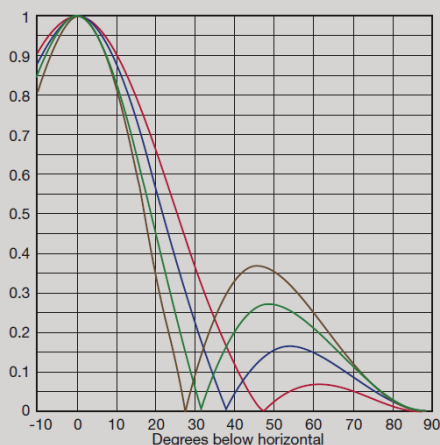




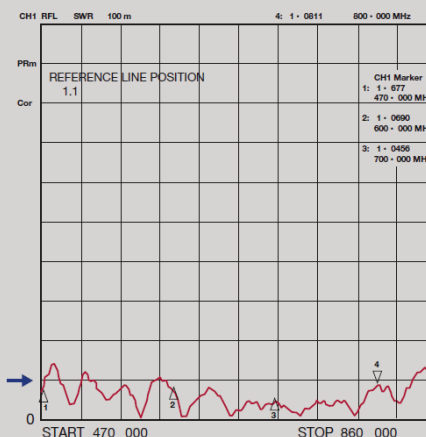
Dielectric's TFU-UT Series turnstile antenna is designed for broadband omni directional horizontally polarized operation. The TFU-UT features a simple feed system and durable construction. The antenna design allows for dual inputs that have been developed for single channel or the simultaneous broadcast of two channels without the need for a combiner.

Specifications:

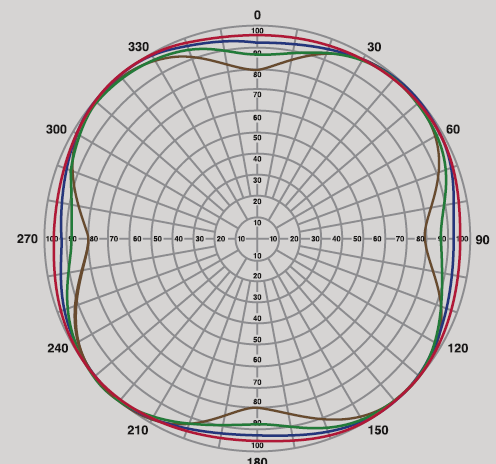
- Operating Range: 470-860 MHz
- Horizontally polarized
- Economical broadband design
- Self-supporting
- Can be side or top mounted on tower
- Two versions:
 - One 7-16 DIN input
 - Two inputs: 7-16 DIN and Type N
- Two input version capable of combining two channels
- 7-16 DIN input 1000 W average power rating
- Type N input 500 W average power rating
- Low VSWR
- Aluminum construction
- ABS radome for environmental protection



Elevation Pattern
500 MHz, 600 MHz, 700 MHz, 800 MHz



Measured VSWR



Azimuth Pattern
500 MHz, 600 MHz, 700 MHz, 800 MHz

Trusted for Decades. Ready for Tomorrow.

Electrical Specifications

	VSWR	Input	Power Rating Per Input	Gain
TFU-UT-1	1.15:1	7-16 DIN	1kW	5 dBd
TFU-UT-2	1.15:1	Dual 7-16 DIN and Type N	1kW 7-16 DIN: 50W Type N	5 dBd

Mechanical Specifications

Model	Height ft(m)	Weights lbs (kg)	Windload ft ² (m ²)
TFU-UT	3.74 (1.14)	55 (25)	2.4 (0.22)

All specifications are subject to change.

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