

Dielectric's TUA-SP4-3/11M-1 panel antenna is designed for Broadband

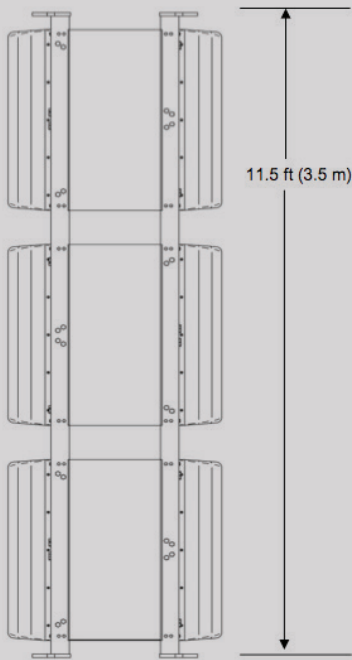
Horizontal Polarization, as a side-mounted Auxiliary Antenna for Pre-or Post-Repacking

Dielectric Advantages

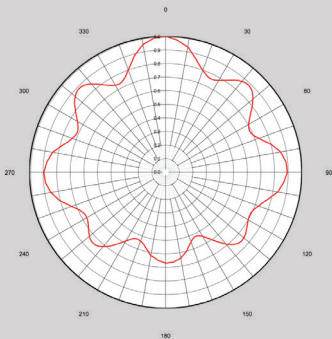
- Operating Range: 470-692 MHz (14-51)
- Horizontally Polarized
- Omni (omnioid) or Directional
- 10 kW Average Power Rating. Input: 3-1/8" EIA.
- ERP Capable: 100 kW Peak / 60 kW RMS
- Beam Tilt 1.0 Deg.
- ABS Radome for Environmental Protection
- Includes Full Factory Assembly of Support Spline and Standard Mounting Brackets

Electrical Specifications

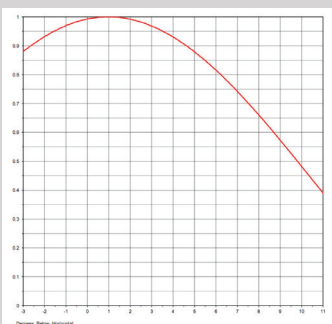
Channel	Gain	VSWR	Input	Power Rating
	rms/peak			
14	6.3/10.5	1.1:1	3-1/8, 50 ohm EIA	10 kW Ave
24	6.4/10.9			
36	6.4/11.4			
51	6.1/11.0			



Side View of Panel Antenna



Azimuth Directivity 1.64 (Ch. 24)



Elevation Pattern (Ch. 24)

Mechanical Specifications

Model	Height	Weight Wind Area (1)	C/L Radiation
	ft (m)	lbs (kg)-ft2 (m2)	ft (m)
TUM-SP4-3/11M-1	115 (3.5)	850 (0.4)-55.2 (5.1)	58 (1.8)

¹ Wind area C_A per TIA/EIA-222-F ($C_A = 1.4$)

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