

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

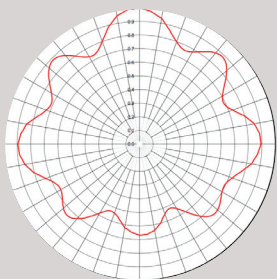
Horizontal Polarization, as a side-mounted Auxiliary Antenna for Pre-or Post-Repacking

Dielectric Advantages

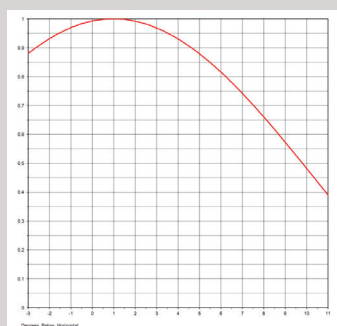
- Operating Range: 470-692 MHz (14-51)
- Horizontally Polarized
- Omni (omnioid) or Directional
- 10 kW Average Power Rating. Input: 3-1/8" EIA.
- ERP Capable: 100 kW Peak / 60 kW RMS
- Beam Tilt 1.0 Deg.
- ABS Radome for Environmental Protection

Includes Full Factory Assembly of Support Spline and Standard Mounting Brackets

Side View of Panel Antenna



Azimuth Directivity 1.7 (Ch. 24)



Elevation Pattern (Ch. 24)

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			

Mechanical Specifications

Model	Height	Weight Wind Area (1)	C/L Radiation
	ft (m)	lbs (kg)-ft2 (m2)	ft (m)
TUM-SP4-3/11M-1	11.5 (3.5)	850 (0.4)-55.2 (5.1)	5.8 (1.8)

¹ Wind are $C_A C_{AC}$ per TIA/EIA-222-F ($C_A = 1.4$)

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