

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

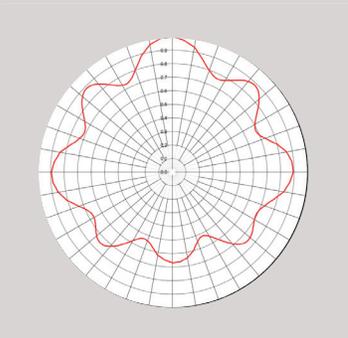
Horizontal Polarization, as a side-mounted Auxiliary Antenna for Pre-or Post-Repacking

#### Dielectric Advantages

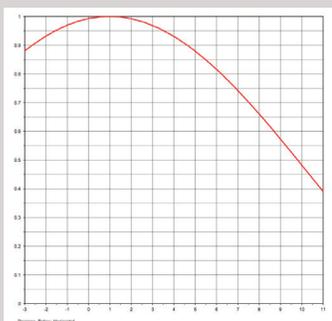
- Operating Range: 470-692 MHz (14-51)
- Horizontally Polarized
- Omni (omnioid) or Directional
- 10 kW Average Power Rating. Input: 3-1/8" EIA.
- ERP Capable: 100 kW Peak / 60 kW RMS
- Beam Tilt 1.0 Deg.
- ABS Radome for Environmental Protection

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
	<b>rms/peak</b>			
14	6.3/10.5			
24	6.4/10.9	1.1:1	3-1/8, 50 ohm EIA	10 kW Ave
36	6.4/11.4			
51	6.1/11.0			

#### Mechanical Specifications

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

<sup>1</sup> Wind are  $C_A A_C$  per TIA/EIA-222-F ( $C_A = 1.4$ )

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