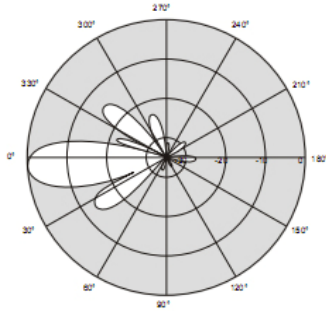
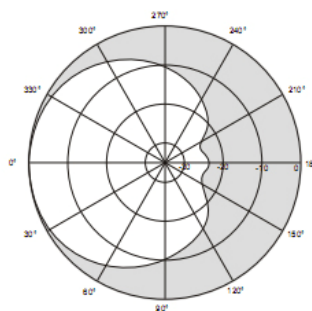


BAP Panel Antenna Series-Vertical Pol.

Vertical Pattern (880MHz)

Horizontal Pattern (880MHz)


Electrical Parameters	BAP890-90-13D	
Frequency range	806~ 960MHz	
Gain	806MHz	12.8dBi
	880MHz	13.0dBi
	960MHz	13.4dBi
Polarization	Vertical	
Vertical plane -3dB beamwidth	16.0°	
Horizontal plane -3dB beamwidth	88°	
First upper sidelobe suppression	≥16dB	
Return loss	≥16dB	
Front to back ratio	≥23dB	
Max CW power per port	500W	
Impedance	50Ω	
IMD performance	≤-150dBc	
Fixed electrical downtilt	4°	
Lighting protection	DC ground	
Connector type	DIN 7/16F	
Mechanical Parameters	Specification	
Rated wind speed	200km/hr	
Dimensions H x W x D	1158×256×137mm	
Packed size H x W x D	1230×400×300 mm	
Net weight (with mounting hardware)	7.5kg	
Operating temperature	Min -40°C Max +60 °C	
Radome material	FRP or UV Stable PVC	
Mechanical downtilt max. (with adjustable brackets)	20°	
Mounting pole (min/max diameter)	50~100mm	
Performance	Specification	
Materials:	All internal parts corrosion resistant.	
	All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection.	
Mounting:	Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering.	
Grounding:	Lower bracket assembly DC ground.	

Eyecom company policy is one of continuing improvement, therefore we reserve the right to change this specification without notice.