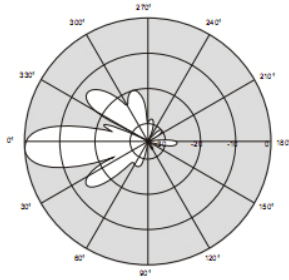
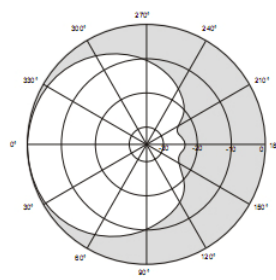


BAP Panel Antenna Series-Slant Pol.

Vertical Pattern (880MHz)

Horizontal Pattern (880MHz)


Electrical Parameters	BAP890-80S-13D	
Frequency range	806~960MHz	
Gain	806MHz	13.0dBi
	880MHz	13.0dBi
	960MHz	13.6dBi
Polarization	Dual, slant $\pm 45^\circ$	
Isolation between ports	≥ 30 dB	
Vertical plane -3dB beamwidth	16.5°	
Horizontal plane -3dB beamwidth	80°	
First upper sidelobe suppression	≥ 15 dB	
VSWR	$\leq 1.5:1$	
Front to back ratio	≥ 25 dB	
Max CW power per port	500W	
Impedance	50Ω	
IMD performance	≤ -150 dBc	
Fixed electrical downtilt	2°	
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)	8.5kg	
Operating temperature	Min -40°C Max +60 °C	
Radome material	FRP or UV Stable PVC	
Mechanical downtilt max. (with adjustable brackets)	22°	
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.	
	Lower bracket assembly DC ground.	
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.