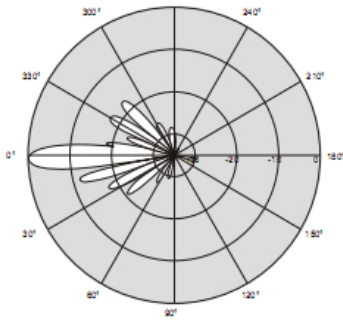
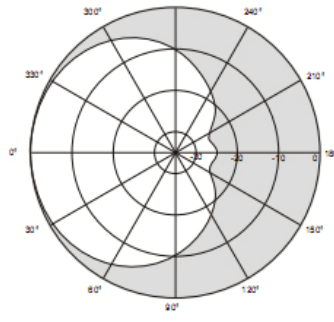


## BAP Panel Antenna Series-Slant Pol.

**Vertical Pattern (880MHz)**

**Horizontal Pattern (880MHz)**


Electrical Parameters		BAP890-90S-16D	
Frequency range	806~960MHz		
Gain	806MHz	15.0dBi	
	880MHz	15.2dBi	
	960MHz	15.7dBi	
Polarization	Dual, slant $\pm 45^\circ$		
Isolation between ports	$\geq 32\text{dB}$		
Vertical plane -3dB beamwidth	8.2°		
Horizontal plane -3dB beamwidth	89°		
First upper sidelobe suppression	$\geq 17\text{dB}$		
Return loss	$\geq 16\text{dB}$		
Front to back ratio	$\geq 25\text{dB}$		
Max CW power per port	500W		
Impedance	50Ω		
IMD performance	$\leq -150\text{dBc}$		
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	2158×256×137mm		
Packed size H x W x D	2255×400×300 mm		
Net weight (with mounting hardware)	15.5kg		
Operating temperature	Min -40°C Max +60 °C		
Radome material	FRP or UV Stable PVC		
Mechanical downtilt max. (with adjustable brackets)	10°		
Mounting pole (min/max diameter)	50~100mm		
Performance		Specification	
Materials:	All internal parts corrosion resistant.		
	All antenna fasteners stainless steel.		
	Bracket assemblies fully galvanized.		
Mounting:	Radome surface treated for maximum UV protection.		
	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 no