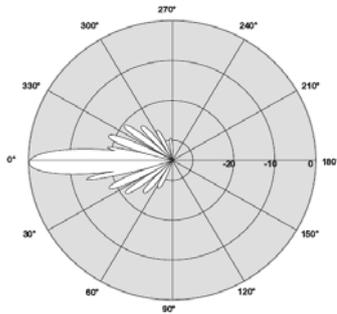
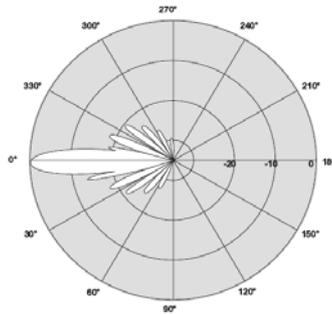


BAP Panel Antenna Series-Dual Band

Vertical Pattern (800MHz)

Vertical Pattern (1800MHz)


Electrical Parameters	BAP890-1900-65S-18DRE	
Frequency range	824~960MHz	1710~2170MHz
Gain	17dBi	18dBi
Polarization	Dual, slant $\pm 45^\circ$	Dual, slant $\pm 45^\circ$
Isolation between ports	≥ 30 dB	≥ 30 dB
Isolation between bands	≥ 30 dB	≥ 30 dB
Vertical plane -3dB beamwidth	8.5°	7.6°
Horizontal plane -3dB beamwidth	65°	65°
First upper sidelobe suppression	≥ 17 dB	≥ 17 dB
Return loss	≥ 16 dB	
Front to back ratio	≥ 30 dB	
Max CW power per port	250W	
Cross-Polarization Ratio	≥ 20 dB	
IMD performance(2x43dBm)	≤ -150 dBc	
Electrical downtilt range	$1\sim 10^\circ$	
RF Connector numbers/ type	4/DIN-F	
Electrical RCU interface/Numbers**	AISG2.0/2	
Mechanical Parameters	Specification	
Rated wind speed	200km/hr	
Dimensions H x W x D	2166x406x137 mm	
Packed size H x W x D	2455x390x230 mm	
net weight (with mounting hardware)	17.5kg	
Operating temperature	Min -40°C Max $+60^\circ\text{C}$	
Radome material	FRP or UV Stable PVC	
Features	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 type brackets (non-adjustable) or mechanically adjustable bracket assemblies for extra 1-20 degree mechanical downtilt adjustment	
Grounding:	Lower bracket assembly DC ground.	
Connections:	Remote control electrical downtilt connections are in accordance with AISG standards	

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

* Duplexed input ports option available ** Built-in RCU version available