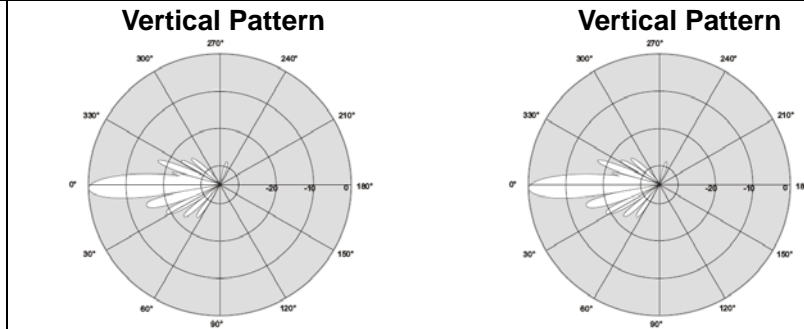


BAP Dual Band Panel Antenna



Electrical Parameters	BAP1900-1900-65S-18/18DRE	
Frequency range	1710~2170MHz	1710~2170MHz
Gain	18dBi	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	7.5°	7.5°
Horizontal plane -3dB beamwidth	65°	65°
First upper sidelobe suppression	≥ 16 dB	≥ 16 dB
VSWR	$\leq 1.5:1$	
Front to back ratio	≥ 30 dB	
Max CW power per port	250W	
Impedance	50 Ω	
IMD performance(2 \times 43dBm)	≤ -150 dBc	
Electrical downtilt range	1~ 10°	
RF Connector numbers/ type	4/DIN-F	
Electrical RCU interface/Numbers**	AISG2.0/2	
Lighting protection	DC Ground	
Mechanical Parameters	Specification	
Rated wind speed	200km/hr	
Dimensions H x W x D	1445 \times 310 \times 100 mm	
Packed size H x W x D	1530 \times 390 \times 230 mm	
net weight (with mounting hardware)	18.2kg	
Operating temperature	Min -40°C Max +60 °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