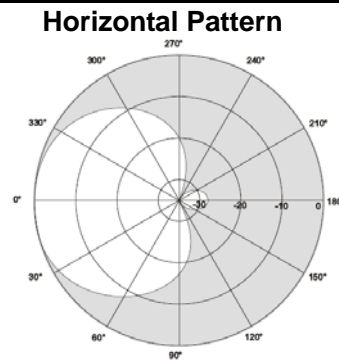
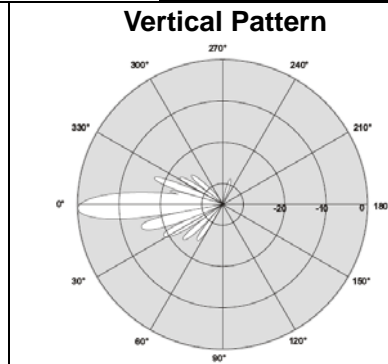


BAP Panel Antenna Series-Slant Pol.


Electrical Parameters	BAP1900-65S-18D
Frequency range	1710~2170MHz
Gain	18.5dBi
Polarization	Dual, slant $\pm 45^\circ$
Isolation between ports	$\geq 30\text{dB}$
Vertical plane -3dB beamwidth	7.5°
Horizontal plane -3dB beamwidth	65°
First upper sidelobe suppression	$\geq 15\text{dB}$
VSWR	$\leq 1.5:1$
Front to back ratio	$\geq 30\text{dB}$
Max CW power per port	500W
Impedance	50 Ω
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	1287 \times 153 \times 86mm
Packed size H x W x D	1372 \times 240 \times 235mm
Net weight (with mounting hardware)	6.1kg
Operating temperature	Min -40°C Max $+60^\circ\text{C}$
Radome material	FRP or UV Stable PVC
Mechanical downtilt max. (with adjustable brackets)	12°
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.