

BAP1800-65-16D 1800MHz Single Pol. Vertical Antenna

ELECTRICAL SPECIFICATIONS

Frequency range	1710-1990MHz
Gain	15.5dBi
Polarization	Vertical
Vertical plane -3dB beamwidth	13°
Horizontal plane -3dB beamwidth	65°
First upper sidelobe suppression	16dB
Return loss	≥14dB
Front to back ratio	≥30dB
Max CW power per port	150W
Impedance	50Ω
IMD performance	≤150dBc
Fixed electrical downtilt	4°
Connector type	DIN 7/16F

MECHANICAL SPECIFICATIONS

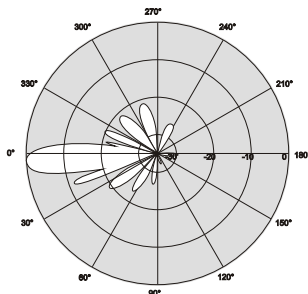
Rated wind speed	200km/hr
Dimensions H x W x D	1116 x 153 x 86mm
Packed size H x W x D	1185 x 290 x 240mm
Weight (with mounting hardware)	9kg
Operating temperature	Min -30°C Max +60 °C
Radome material	FRP

FEATURES

- Materials: All internal parts corrosion resistant.
All antenna fasteners stainless steel.
Bracket assemblies stainless steel.
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.



Vertical Pattern



Horizontal Pattern

