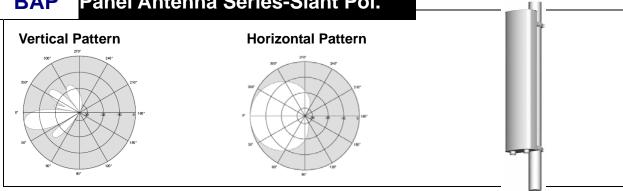


BAP Panel Antenna Series-Slant Pol.



Frequency range Gain 14°Downtilt 820MHz 11.3dBi 11.0dBi 880MHz 11.3dBi 11.4dBi 960MHz 12.2dBi 11.8dBi 11.8dBi Polarization Isolation between ports ≥28dB Vertical plane -3dB beamwidth Horizontal plane -3dB beamwidth 65° First upper sidelobe suppression VSWR Front to back ratio Impedance	Electrical Parameters	BAP890-658	S-12DRE-B	
Gain	Frequency range			
S80MHz 11.6dBi 11.4dBi 960MHz 12.2dBi 11.8dBi 11.8dB			14°Downtilt	27°Downtilt
960MHz 12.2dBi 11.8dBi Dual, slant ±45° Isolation between ports ≥28dB Vertical plane -3dB beamwidth 30° Horizontal plane -3dB beamwidth 65° First upper sidelobe suppression ≥14dB VSWR ≤1.5:1 Front to back ratio ≥28dB Max CW power per port 250W Impedance 500 IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Specification All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in		820MHz	11.3dBi	11.0dBi
Polarization Solation between ports \$28dB \$28dB \$30^{\circ} \$10000 \$100000 \$100000 \$100000 \$1000000 \$100000000 \$10000000000		880MHz	11.6dBi	11.4dBi
Isolation between ports		960MHz	12.2dBi	11.8dBi
Vertical plane -3dB beamwidth 30° Horizontal plane -3dB beamwidth 65° First upper sidelobe suppression ≥14dB VSWR ≤1.5:1 Front to back ratio ≥28dB Max CW power per port 250W Impedance 50Ω IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60°C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) 50~100mm Specification Mal internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surf	Polarization	Dual, slant ±	45°	
Horizontal plane -3dB beamwidth 65°	Isolation between ports	≥28dB		
First upper sidelobe suppression VSWR \$1.5:1 Front to back ratio 228dB Max CW power per port 15000 IMD performance(2×43dBm) Variable electrical downtilt Connector type External RCU interface/Number Lighting protection Mechanical Parameters Rated wind speed Dimensions H x W x D Packed size H x W x D net weight (with mounting hardware) Operating temperature Min -40°C Max +60 °C Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Connections: All connections are in	Vertical plane -3dB beamwidth	30°		
VSWR ≤1.5:1 Front to back ratio ≥28dB Max CW power per port 250W Impedance 50Ω IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) Specification Materials: Specification Materials: All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in	Horizontal plane -3dB beamwidth	65°		
Front to back ratio ≥28dB Max CW power per port 250W Impedance 50Ω IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) 50~100mm Performance Specification Materials: Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in	First upper sidelobe suppression	≥14dB		
Max CW power per port 250W Impedance 50Q IIMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) 50~100mm Performance Materials: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Connections: Remote control electrical downtilt connection	VSWR	≤1.5:1		
Impedance 50Ω IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) 50~100mm Performance Materials: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Connections: Remote control electrical downtilt connections are in	Front to back ratio	≥28dB		
IMD performance(2×43dBm) ≤-150dBc Variable electrical downtilt 14~27° Connector type DIN 7/16F External RCU interface/Number AISG2.0/1 Lighting protection DC Ground Mechanical Parameters Specification Rated wind speed 200km/hr Dimensions H x W x D 780×256×137mm Packed size H x W x D 870×375×280 mm net weight (with mounting hardware) 8.5kg Operating temperature Min -40°C Max +60 °C Radome material FRP or UV Stable PVC Downtilt max. (with adjustable brackets) 47° Mounting pole (min/max diameter) 50~100mm Performance Materials: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Connections: Remote control electrical downtilt connections are in	Max CW power per port	250W		
Variable electrical downtilt Connector type External RCU interface/Number Lighting protection Mechanical Parameters Rated wind speed Dimensions H x W x D Packed size H x W x D Net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Variable electrical downtilt All size. 14-27° DIN 7/16F AISG2.0/1 AVIABLE AISG2.0/1 AISG2.0/1 AISG2.0/1 AISG2.0/1 AISG2.0/1 AV Specification AII internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in		50Ω		
Connector type External RCU interface/Number Lighting protection Mechanical Parameters Rated wind speed Discreptification Rated wind speed Discreptification Packed size H x W x D Rated size H x x X x x x x x x x x x x x x x x x x				
External RCU interface/Number Lighting protection Mechanical Parameters Rated wind speed Dimensions H x W x D Packed size H x W x D Net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: AISG2.0/1 DC Ground Specification ARO ×256×137mm 8.5kg Min -40°C Max +60°C FRP or UV Stable PVC 47° 50~100mm Performance Specification All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in				
Lighting protection Mechanical Parameters Rated wind speed Dimensions H x W x D Packed size H x W x D Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Mounting: Mounting: Grounding: DC Ground Specification 200km/hr 780×256×137mm 870×375×280 mm 870				
Rated wind speed Dimensions H x W x D Packed size H x W x D Rated weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Specification All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in				
Rated wind speed Dimensions H x W x D Packed size H x W x D net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Mounting: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in				
Dimensions H x W x D Packed size H x W x D net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Mounting: Mountin			n	
Packed size H x W x D net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Materials: Mounting: Mounting: 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: Connections: Remote control electrical downtilt connections are in				
net weight (with mounting hardware) Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Materials: Mounting: Mounting: Mounting: Mounting: Mounting: Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Connections: Remote control electrical downtilt connections are in	Dimensions H x W x D			
Operating temperature Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Min -40°C Max +60 °C FRP or UV Stable PVC 47° 50~100mm Performance Specification All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in	Packed size H x W x D	870×375×280 mm		
Radome material Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance Materials: Materials: Materials: Performance Specification All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in	net weight (with mounting hardware)	•		
Downtilt max. (with adjustable brackets) Mounting pole (min/max diameter) Performance All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Available vith either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Remote control electrical downtilt connections are in	Operating temperature	Min -40°C Max +60 °C		
Mounting pole (min/max diameter) Performance All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Connections: Connections: Connections All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Remote control electrical downtilt connections are in	Radome material	FRP or UV Stable PVC		
Performance All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in	Downtilt max. (with adjustable brackets)	• •		
Materials: All internal parts corrosion resistant. All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in	Mounting pole (min/max diameter)	50~100mm		
Materials: All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in	Performance	Specificatio	n	
Materials: All antenna fasteners stainless steel. Bracket assemblies fully galvanized. 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. Remote control electrical downtilt connections are in		All internal parts corrosion resistant.		
Radome surface treated for maximum UV protection. Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Connections: Remote control electrical downtilt connections are in	Materials:			
Available with either fixed brackets (non-adjustable) or mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Lower bracket assembly DC ground. Remote control electrical downtilt connections are in				
Mounting: mechanically adjustable bracket assemblies. Please specify when ordering. Grounding: Lower bracket assembly DC ground. Remote control electrical downtilt connections are in				
when ordering. Grounding: Lower bracket assembly DC ground. Remote control electrical downtilt connections are in				
Grounding: Lower bracket assembly DC ground. Remote control electrical downtilt connections are in	Mounting:			
Remote control electrical downtilt connections are in				
I Connections:	Grounding:			
accordance with Aloo standards	Connections:			

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

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^{*}Built-in RCU version available