



Nová anténa s malým průměrem, Tří-pásmová XXX – Pol, Troj- sektorová anténa

Jaybeam Wireless uvádí:

- nová anténa s malým průměrem
- tři – pásmová, tři – sektorová
- 65° azimutu šířky paprsku
- každý sektor snímá $\pm 15^\circ$
- typy různých pásem (880-960/1710-2170/1710-2170 MHz)
s 17.5 / 17.2 / 17.3 dBi
- RET (remote electrical tilt) dálkové elektronické naklápění
- MET (manual electrical tilt) manuální elektronické naklápění
- vysoká funkčnost
- nízká hmotnost
- vzhledem není příliš rušivá



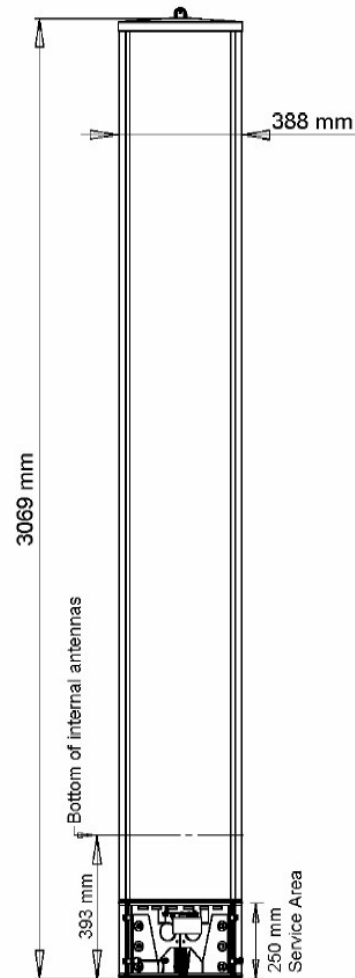
Access Ports Description (Connectors)					
Each sector has 6 connectors located inside the service area and marked with colour rings. (photo next page)					
Low band Red:	GSM900 (880-960 MHz) ports	RED rings		2 x 7/16 DIN Long Neck	
High band White (top array):	Wide band (1710-2170 MHz) ports pattern optimised for DCS1800	WHITE rings		2 x 7/16 DIN Ultra Long Neck	
High band Blue (bottom array):	Wide band (1710-2170 MHz) ports pattern optimised for UMTS2100	BLUE rings		2 x 7/16 DIN Long Neck	
Electrical Specifications	Low Band Red	High Band White		High Band Blue	
Frequency Band (MHz)	880...960	1710...1880	1900...2170	1710...1880	1900...2170
Gain (dBi) tilt 0°	17.0...17.5	16.5...16.7	16.7...17.2	16.5...16.9	16.9...17.3
tilt 5°	17.0...17.5	16.3...16.5	16.5...17.0	16.4...16.7	16.7...17.2
tilt 10°	16.9...17.4	16.0...16.3	16.3...16.5	16.3...16.5	16.5...17.0
Input Impedance	50 ohms	50 ohms		50 ohms	
VSWR	<1.4	<1.4		<1.4	
Polarisation	$\pm 45^\circ$	$\pm 45^\circ$		$\pm 45^\circ$	
Horizontal Beamwidth (-3 dB)	65°	65°	62°	65°	62°
Vertical Beamwidth (-3 dB)	7°	7°	7°	7°	7°
Electrical Downtilt range	0° to 10°	0° to 12°		0° to 12°	
Isolation between ports	>30 dB	>30 dB		>30 dB	
Isolation between bands	45 dB typ.	45 dB typ.		45 dB typ.	
Upper Sidelobe Rejection (20° sector above main beam)	18 dB typ.	18 dB typ.		18 dB typ.	
Front to back ratio	>30 dB	>30 dB		>30 dB	
Maximum Power (per port)	200 W	160 W		160 W	
Intermodulation 3rd order for 2 x 20 W carriers	<-110 dBm	<-110 dBm		<-110 dBm	

Environmental	
Operating Temperature Range	-40°C to +60°C
Environmental	ETS 300 019
RoHS compliant	Yes
Mechanical	
Dimensions (see drawing)	Total height: 3069 mm (including 250 mm service area) Diameter: 388 mm Effective antenna height: 2676 mm
Weight	98 kg
Shroud	Outdoor plastic, Grey RAL7035
Wind Speed	Operational: 160 km/h Survival: 200 km/h
Wind load at 160 km/h	570 N

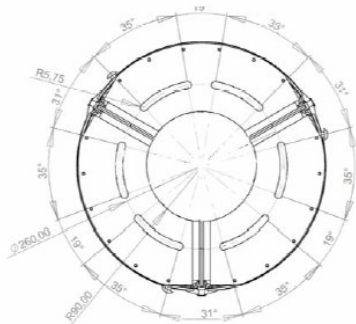
Antenna bottom
(view inside service area)



Dimensions



Mounting Flange Interface



Six curved slots 11.5 mm wide, on a 260 mm dia. circle

Packaging

Wooden box
3.25 x 0.55 x 0.61 m
1.090 m³ 210 kg