

## Shrouded Yagi 880 - 960 MHz

### DESCRIPTION

- A 24-element GSM Yagi antenna with High F/B ratio for fixed link and M2M applications.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Skymacasts brand product.



### SPECIFICATIONS

Electrical	
Frequency	880 - 960 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	24 °
3 dB Beamwidth, H-Plane	24 °
Impedance	50 Ω
Gain	16.5 dBi bottom of band; 18 dBi mid & top band
Port-Port Isolation	≥ 30dB
VSWR	< 1.3:1
Front-To-Back Ratio	> 20 dB
Cross Polar Discrimination	20 dB
In iBwave	Yes
Mechanical	
Radiating Element(s)	PCB skeleton slot and reflector mounted on aluminum cast rear disk
Elements	3/8" aluminum rods grade 6082 T6, BS 1474
Connection(s)	N(f)
Boom Material	1" x 10swg aluminum tube grade 6082-T6
Radome Material / Colour	ABS White
Length	Approx. 2650 mm / 104.33 in.
Wind Load	250 N (160 km/h)
Weight	Approx. 5 kg / 11.02 lb.
Mounting Bracket	3202078/68 + 0900174/00 (Ordered Separately)

### ORDERING

Model	Product No.	Frequency
Shrouded Yagi	7142900	880 - 960 MHz
Accessories		
Fixed norstel / coupler clamp (cross clamp)	3202078/68	
Increasing sleeve	0900174/00	

