

5227000

Single Band | Shrouded Yagi Antenna | V-Pol or H-Pol | 28° | 16.1 dBi

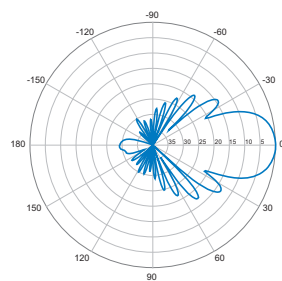
- Single band, shrouded yagi antenna, vertically or horizontally polarized
- For SHF links in the 1.4 GHz band
- All elements enclosed in a weather resistant glassfibre shroud
- Consistent, reliable performance in all weather conditions



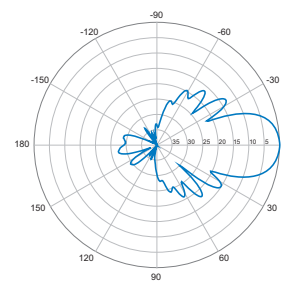
Electrical Characteristics	
Frequency Band	1350-1517 MHz
Polarization	Vertical or Horizontal
Horizontal Beamwidth	28°
Vertical Beamwidth	26°
Gain	14.0 dBd / 16.1 dBi
VSWR	< 1.3:1
Impedance	50Ω
Front-to-Back Ratio (typical)	> 25 dB
Input Power (maximum)	100 W
Connector type	(1x) N Female
Lightning Protection	DC Ground

Mechanical Characteristics			
Materials	Shroud	GRP	
	Radiating Assembly	Aluminium	
	Mounting Section	Aluminium, 50 mm diameter	
Dimensions (Length x Diameter)	1300 x Ø109 mm	51.2 x Ø4.3 in	
Weight without Brackets	3.0 kg	6.6 lbs	
Wind Load (160 km/hr or 100 mph)	150 N	33.7 lbf	

Mounting Characteristics	
Mounting Bracket	3202078/68
Alternate Mounting Bracket	0300064/00 + U-Bolts to match mounting pipe diameter
Please order mounting bracket separately.	



Horizontal



Vertical

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.