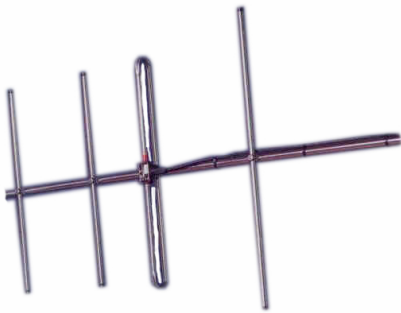




The 4 element Yagi high gain directional antenna is built to a high degree of telecommunications specification

Specifications



Gain over 1/2 wave dipole

7.5 dB

V.S.W.R

<1.5:1

Maximum input power

150 Watts

Input impedance

50 Ohms

Beam width

E-plane 58° H-plane 74°

Bandwidth

+/- 6% of the centre frequency

Front to back ratio

15 dB

Polarisation

Vertical or horizontal

Connection

3 metre length of RG213

N-type socket and PVC sleeve

Support boom material

1.1/4" x 10swg Aluminium tube

Radiating elements material

3/4" x 16swg aluminium tube

Castings

Aluminium kemloc

Insulator

Black carbon loaded polyethylene

Nuts and bolts

18/8 stainless steel with nyloc nut

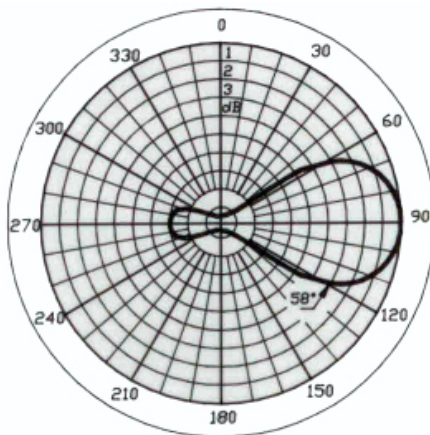
Wind loading

16 Kgf @ wind velocity of 160 Kph

Weight

4 Kg

E-Plane



H-Plane

