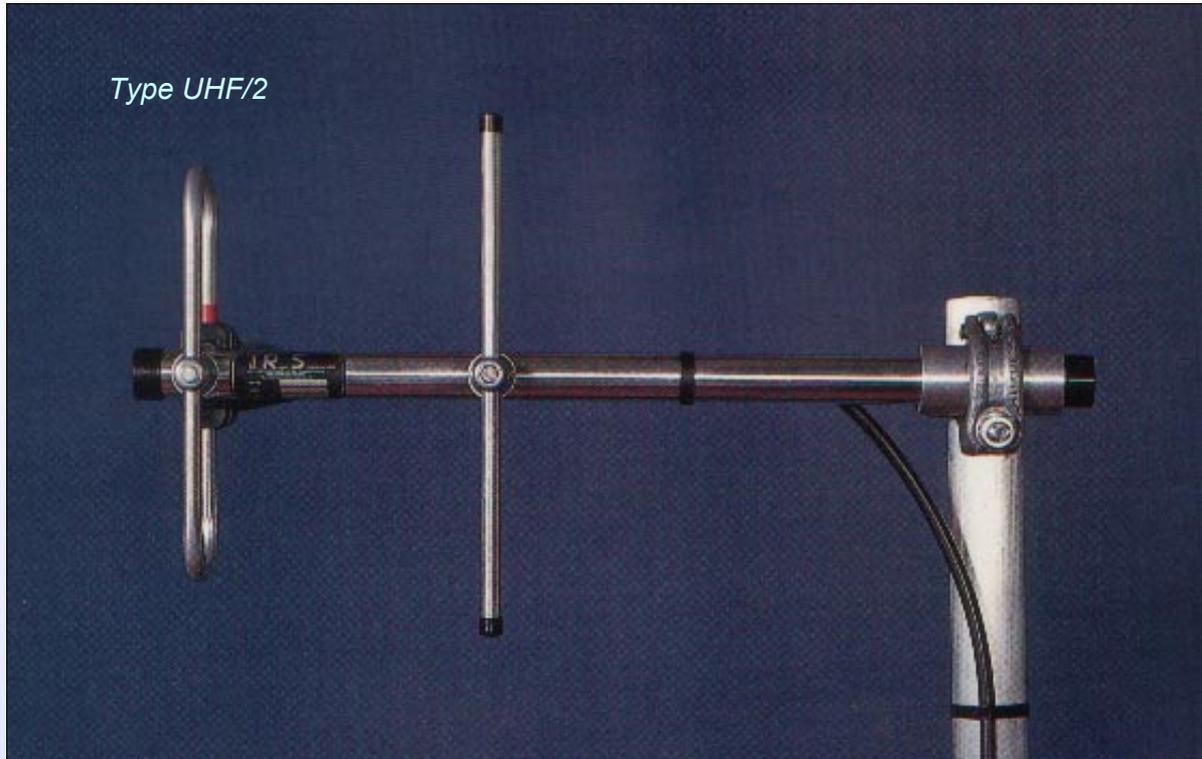


UHF/2 TWO ELEMENT UHF YAGI Frequency Range 390-730MHz

**NO ANTENNA
INDUCED STATIC**

**3 dB GAIN OVER
1/2 WAVE DIPOLE**

**FREQUENCY RANGE
390 .730 MHz**

**CAN BE STACKED OR BAYED
FOR INCREASED GAIN**

ROBUST & RELIABLE

INCORPORATED D.C. SHORT

These two element directional yagis are very robust and manufactured to a high degree of Telecommunication Specification. They give a gain of 3 dB over a 1/2 wave dipole and can withstand a maximum input power rating of 200 watts. The dipole element is made from one piece of tube thus removing potential high

resistance points and the balun is completely seal moulded in black carbon-loaded polyethylene to protect the internal electrical connections. These antennas can be stacked and fed in phase with a matching harness for increased gain

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Western Australia, 6902

UHF/2 TWO ELEMENT UHF YAGI Frequency Range 390-730MHz



SPECIFICATIONS

Gain over 1/2 wave Dipole
V.S.W.R.

3dB
Better than 1.5:1 over
the operating Band

Input Impedance
Maximum Input Power Rating

50 OHMS
200 watts

Bandwidth

± 8% of centre frequency

Polarisation

Vertical or horizontal

Half Power Beamwidth

E Plane 65°
H Plane 95°

Front to Back Ratio
Connection

13dB
3 metre length of RG21 3 fitted
with N type socket & PVC sleeve

Support Boom
Radiating Elements

1 1/4" x 12 swg Aluminium Alloy Tube HE30TF
1/2" x 16 swg Aluminium Alloy Tube HE9TF

Castings

Aluminium Alloy Kemloc

Nuts & Bolts

18/8 Stainless Steel with Nyloc Nuts

Insulator

Black Carbon Loaded Polyethylene

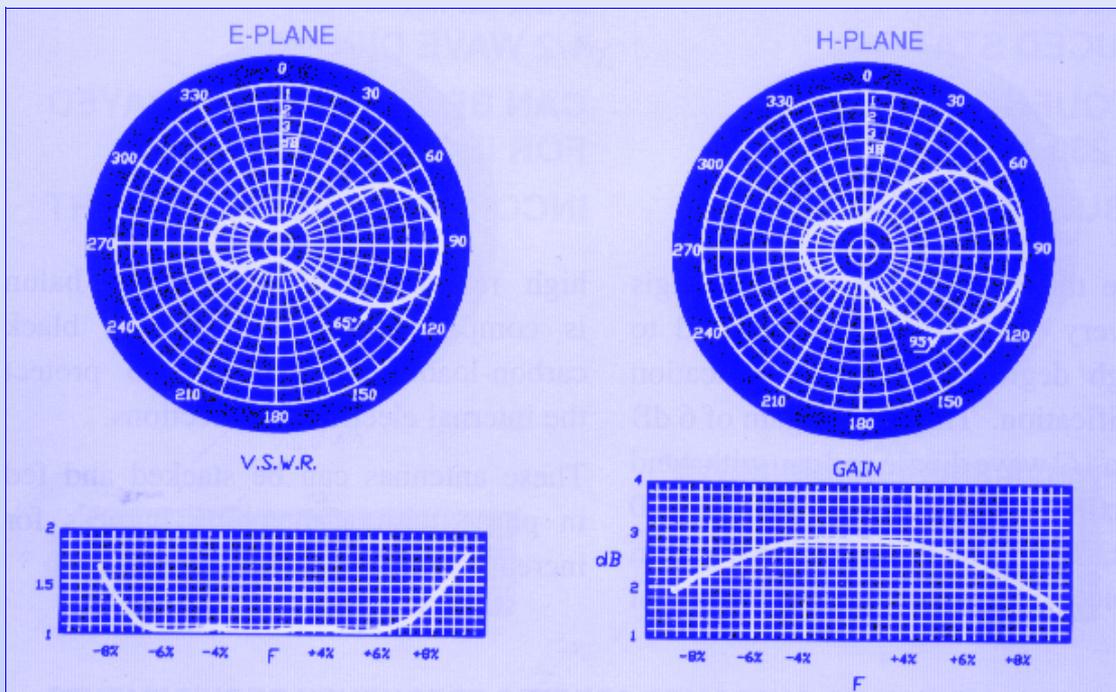
Weight @ 450 MHz

1.1 Kgs

Windloading

5 Kgf (11.lbf) @ wind velocity of 160 Kph

POLAR DIAGRAM + V.S.W.R. GRAPHS



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