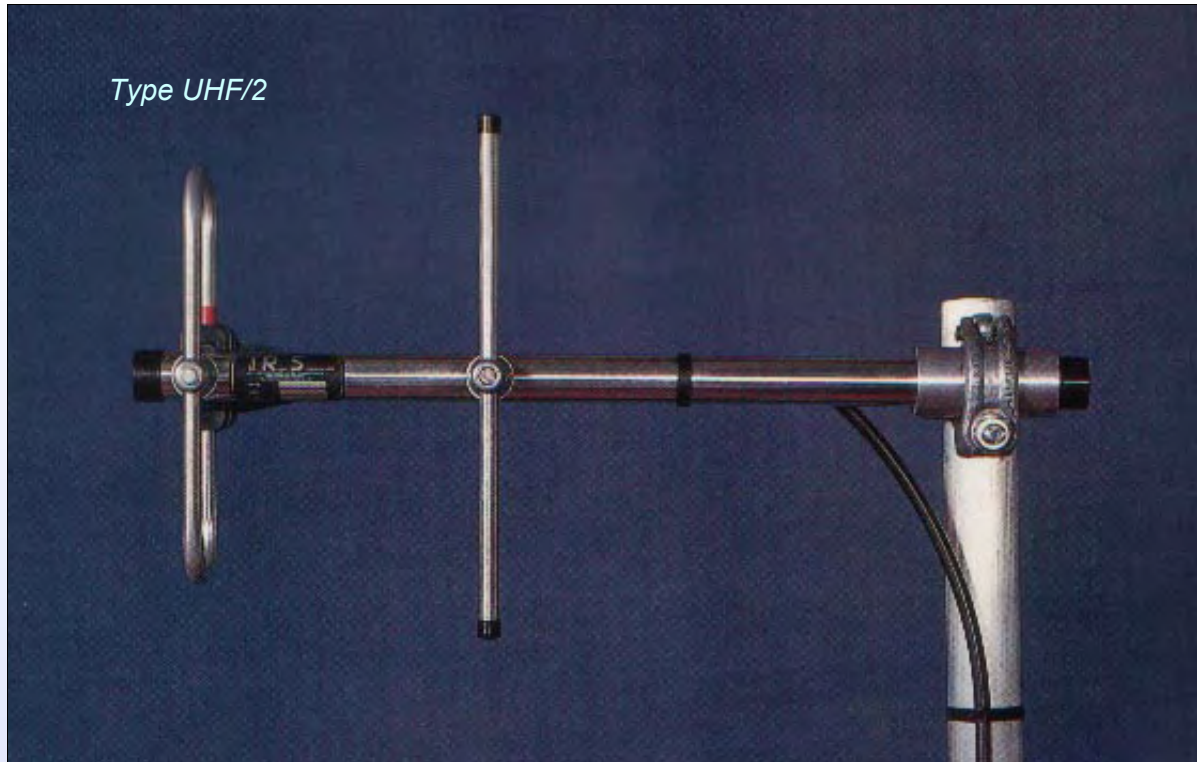


UHF/2 TWO ELEMENT UHF YAGI Frequency Range 390-730MHz

**NO ANTENNA
INDUCED STATIC**

**FREQUENCY RANGE
390 .730 MHz**

ROBUST & RELIABLE

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

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

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

INCORPORATED D.C. SHORT

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

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
Bandwidth
Polarisation
Half Power Beamwidth

50 OHMS
200 watts
 $\pm 8\%$ of centre frequency
Vertical or horizontal

Front to Back Ratio
Connection

E Plane 65°
H Plane 95°
13dB

Support Boom
Radiating Elements
Castings

3 metre length of RG21 3 fitted
with N type socket & PVC sleeve
1 1/4" x 12 swg Aluminium Alloy Tube HE30TF
1/2" x 16 swg Aluminium Alloy Tube HE9TF
Aluminium Alloy Kemloc

Nuts & Bolts
Insulator
Weight @ 450 MHz

18/8 Stainless Steel with Nyloc Nuts
Black Carbon Loaded Polyethylene
1.1 Kgs

Windloading

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

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