

E.N.F. SERIES END FED UNITY GAIN Frequency Range 50 - 500 MHz



Illustration shows
ENF/1 65

**FREQUENCY RANGE
50 - 500 MHz**

TRULY OMNIDIRECTIONAL

INCORPORATED D.C. SHORT

ROBUST & RELIABLE

The E.N.F. end fed dipole is a vertically mast head mounted antenna which provides a truly omnidirectional coverage plus incorporating a low angle of radiation.

The antenna's slim design and appearance blends ideally into environmental surroundings.

These antennas have been constructed to withstand the harshest environmental conditions. The radiating elements are housed in a reinforced glass fibre tube.

A wide range of mounting clamps are available.

MANUFACTURED TO CUSTOMERS SPECIFIC FREQUENCY REQUIREMENTS

E.N.F. SERIES END FED UNITY GAIN Frequency Range 50 - 500 MHz

SPECIFICATIONS

Gain over 1/2 wave Dipole
 V.S.W.R.
 Maximum Input Power Rating
 Input Impedance
 Bandwidth
 Polarisation
 Connection

Unity
 Better than 1.5:1 over the operating Band
 200 watts
 50 OHMS
 ±4% of centre frequency
 Vertical
 RG213 cable with N type
 socket & PVC sleeve
 Reinforced glass fibre tube
 Brass plasfilm coated
 1 1/2" x 12swg Aluminium Alloy Tube HE3OTF

Shroud
 Radiating Elements
 Base Sections
 Weight on Standard ENF Series

ENF 165	165 MHz = 1.2 Kgs
ENF 140	140 MHz = 1.6 Kgs
ENF 105	105 MHz = 1.9 Kgs
ENF 80	80 MHz = 2.2 Kgs
ENF 450	450 MHz = 0.9 Kgs

Windloading at
 velocity of 160 Kph

165MHz	6.4 Kgf (14 lbf)
140MHz	10. Kgf (21 lbf)
80MHz	14. Kgf (13 lbf)
450MHz	2. Kgf (4.4 lbf)

