Open single dipole 55-470 MHz

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The head of the dipole is made of very strong PE plastic and the radiators of fibreglass. The connector is type N-female on 200 mm RG 400 teflon cable.

The dipole can be adjusted between 55 – 470 MHz with a cutting diagram. When the dipole is to be adjusted to the desired frequency, a transmitter and V.S.W.R instrument or antenna analyzer must be used for the best result.

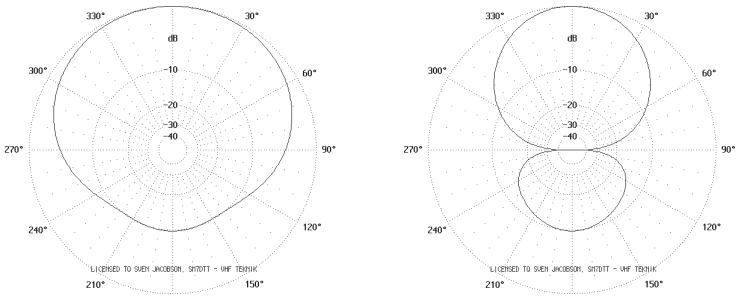
The dipole is delivered with aluminium arm and stainless steel mounting clamp, and can also be mounted directly on a wall with 2 bolts, not included.

ELECTRICAL DATA

Type	**AOD55-470P**
Frequency range - MHz	55-470, cutting diagram
Bandwidth - %	1-10, depending on frequency
VSWR, typical	1,5:1 or better on frequency
Gain – dBi (dBd)	2,15 (0)
Front to back ratio - dB	5, vertical mounted
Polarization	Vertical or Horizontal
Nominal impedance – ohm	50
Maximum power – W	100
Connector	N-female

MECHANICAL DATA

Dipole head	PE Plastic	
Radiator	Fibreglass	
Supporting arm	Aluminium	
Mounting clamp	Stainless steel	
Dimensions	Depending on frequency	
Mounting tube Ø - mm	30-60	
Maximum wind – m/sec	45 without ice	
Wind area - m²	0,02 80 MHz	0,01 400 MHz
Weight - kg	1,5	0,5



Typical radiating diagram for single dipole H+V beamwidth.