

Omni 450 360° 7dBi

Type No.	K 75 16 21 1	K 75 16 22 1	K 75 16 23 1
Input	N female		
Frequency range	406 – 430 MHz	420 – 449 MHz	440 – 470 MHz
VSWR	< 1.5		
Gain	7 dBi		
Impedance	50 Ω		
Polarization	Vertical		
Max. power	70 Watt (at 50 °C ambient temperature)		
Weight	1.6 kg	1.55 kg	1.5 kg
Wind load	61 N	59 N	56 N
	(at 150 km/h)		
Max. wind velocity	200 km/h		
Packing size	2100 x 110 x 100 mm		
Length	2020 mm	1960 mm	1870 mm

Material:

Radiator: Brass.
 Radome: Fiberglass, dia. 21 mm, colour: Grey.
 Base: Aluminum.
 Mounting U-bolt and all screws and nuts:
 Stainless steel.

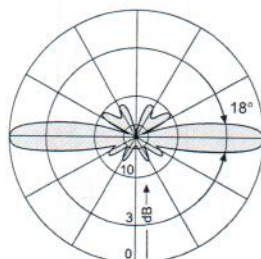
Mounting:

The antenna can be attached in two ways with the supplied mounting kit:

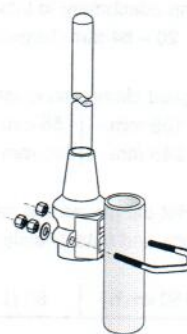
1. On the tip of any tubular mast of 40 – 56 mm dia. (connecting cable runs inside the mast).
2. Laterally at the tip of any tubular mast of 20 – 56 mm dia. (connecting cable runs outside the mast).

Grounding:

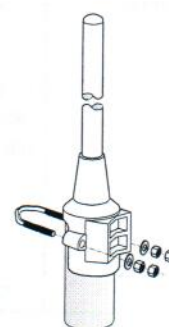
All metal parts of the antenna including the inner conductor are DC grounded.



Vertical Pattern



Laterally at the tip of a tubular mast



On the tip of a tubular mast