

Omnidirectional Antennas Vertical Polarization

1800

V

KATHREIN
Antennen · Electronic

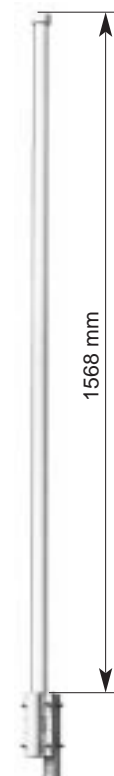
VPol Omni 1800 360° 11dBi

Type No.	738 187	739 404
Frequency range	1710 – 1880 MHz	
Polarization	Vertical	
Gain	11 dBi	
Impedance	50 Ω	
VSWR	< 1.3	
Intermodulation IM3 (2 x 43 dBm carrier)	< -150 dBc	
Max. power	200 Watt (at 50 °C ambient temperature)	

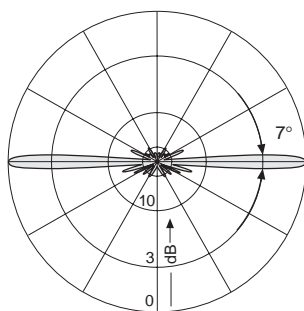
Mounting: The antenna can be attached laterally at the tip of a tubular mast of 50 – 94 mm diameter with two U-bolt brackets supplied with the antenna (connecting cable runs outside the mast).

Material: Radiator: Copper and brass.
Radome: Fiberglass, colour: Grey.
Base: Weather-proof aluminum.
Mounting kit, screws and nuts: Stainless steel.

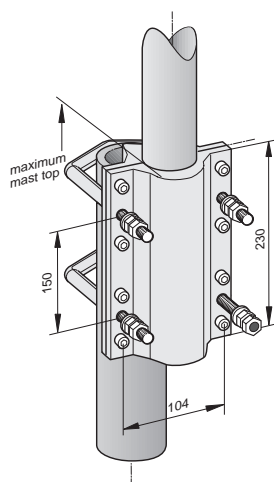
Excellent grounding: From the solid metal tip right down to the base of the high gain antennas the grounding cross-section is 22 mm² copper or more, exceeding EN 50083-1.



738 187



Vertical Pattern



Mechanical specifications	738 187	739 404
Input	7-16 female	7-16 female
Connector position	Bottom	Top
Weight	5.5 kg	
Radome diameter	51 mm	
Wind load	130 N (at 150 km/h)	
Max. wind velocity	200 km/h	
Packing size	1846 x 148 x 112 mm	
Height	1568 mm	1558 mm