

Omnidirectional Antenna

470 – 860 MHz

767 006, 770 881

KATHREIN
Antennen · Electronic

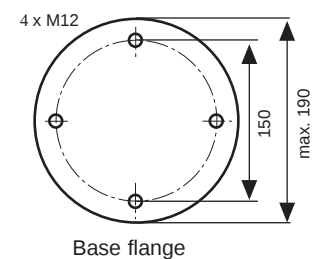
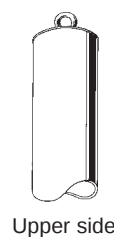
- Broadband omnidirectional antenna.

Type No.	767 006	770 881
Number of bays	1	2
Input	7-16 female	7/8" EIA
Frequency range	470 – 860 MHz	
VSWR	$s < 1.1$	
Gain	5 dB at mid-band	8 dB at mid-band
Vertical 3 dB beam width	22°	11°
Impedance	50 Ω	
Polarization	Horizontal	
Max. power	1 kW (at 40 °C ambient temperature)	2 kW
Weight	20 kg	40 kg
Wind load (at 160 km/h)	228 N	478 N
Max. wind velocity	225 km/h	
Height H	1.15 m	2.3 m

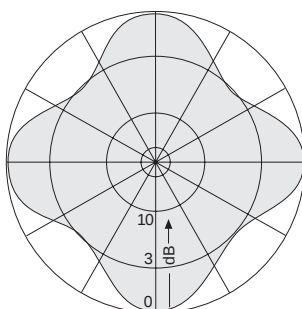
Material: Omnidirectional antenna in protective fiberglass radome with a diameter of 300 mm.
Flange: Aluminum.

Attachment: To tubular masts with a diameter of 100 – 160 mm by using the attachment accessories 768 853 (see photo) or on a flange (see draft).

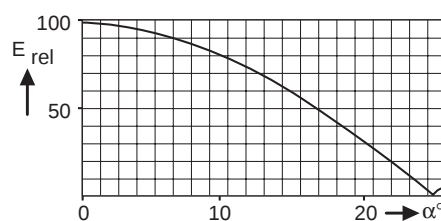
Grounding: Via mounting parts.



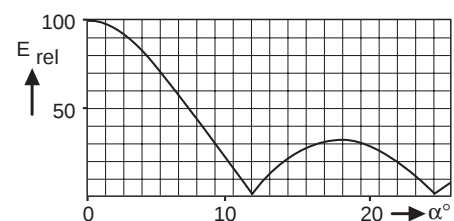
Radiation Patterns (at mid-band)



Horizontal Radiation Pattern



Vertical Radiation Pattern
1 bay (767 006)



Vertical Radiation Pattern
2 bays (770 881)