

## Polarization

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- Plug and Play Antenna fully assembled

Order No.	75010402
Input	1½" EIA flange
Max. power	5 kW (at 40 °C ambient temperature)
Frequency range	470 – 790 MHz
VSWR	≤ 1.15 ≤ 1.1 in one channel after fine matching*
Gain (at 650 MHz)	10 dBd
Impedance	50 Ω
Polarization	Horizontal
Weight (approx.)	52 kg
Wind load (at 160 km/h) (approx.)	Frontal: 1.1 kN Rearside: 1.3 kN Lateral: 0.6 kN
Max. wind velocity	275 km/h

\* fine matcher to be ordered separately

Material: Radiator system: Weather-resistant aluminum.  
Protective cover: Fiberglass.  
Attachment plate: Hot-dip galvanized steel.

Radome color: Light grey (RAL 7035).

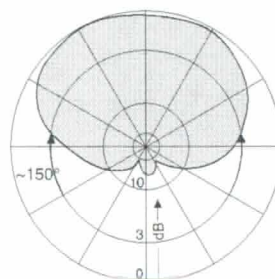
Mounting: Side mounting to tubular mast by clamp  
(for Ø 42–115 mm supplied, for larger Ø please  
order separately).

Grounding: Via mounting parts.

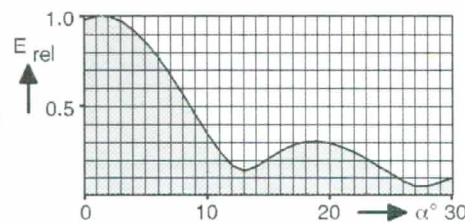
Ice protection: The radiators remain fully functioning even in icy  
conditions as the fiberglass cover protects the  
whole antenna.



Typical Radiation Patterns at 600 MHz



Horizontal Pattern



Vertical Pattern

