

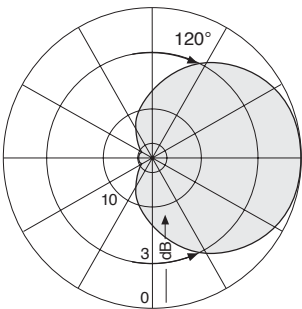
Panel
Vertical Polarization
Half-power Beam Width

400–470
V
120°

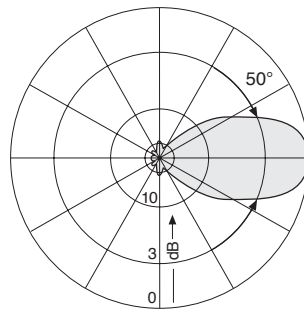
VPol Panel 400–470 120° 9dBi

Type No.	731291
Frequency range	400 – 470 MHz
Polarization	Vertical
Gain	9 dBi
Half-power beam width	H-plane: 120° E-plane: 50°
Impedance	50 Ω
VSWR	< 1.5
Max. power	500 W (at 50 °C ambient temperature)

- Scope of supply: Antenna including two weather-proof covers for straight and elbow connector, but without mounting hardware.
- Material: Dipole system: Brass and copper.
Reflector screen: Weather-resistant aluminum.
Radome: Fiberglass, colour: White.
All screws and nuts: Stainless steel.
- Attachment: See the “Mechanical Accessories” part of this catalogue.
- Ice protection: Due to the very sturdy antenna construction and the protection of the radiating system by the radome, the antenna remains operational even under icy conditions.
- Grounding: All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.



Horizontal Pattern



Vertical Pattern

Mechanical specifications	
Input	1 x 7-16 female
Connector position	Rearside
Wind load	Frontal: 500 N (at 150 km/h) Lateral: 220 N (at 150 km/h) Rearside: 715 N (at 150 km/h)
Max. wind velocity	200 km/h
Height/width/depth	992 / 492 / 190 mm
Category of mounting hardware	M (Medium)
Weight	9 kg
Packing size	1062 x 562 x 274 mm

Directional
360 – 512 MHz