

# SiteMaster® UHF COLLINEARS

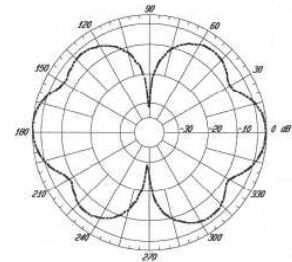
- ☑ The SM400 fiberglass collinear antennas are completely sealed against moisture ingress.
- ☑ The antennas are designed to yield maximum gain in the horizontal plane, with side lobes reduced to a minimum.
- ☑ Supplied with integral clamp for mounting on a vertical or horizontal support pole.

Electrical Data	SM400-3	SM400-6
Frequency	406 — 424 MHz	
Nominal Gain	3 dBd	6 dBd
VSWR	≤ 1,5:1	
Polarisation	Vertical	
H Plane	3dB Beam Width 360°	
E Plane	3dB Beam Width 36°	3dB Beam Width 16°
Rated power	150 W	
Impedance	50 Ω	
Termination	N-Type male	
Surge Protection	Directly grounded	
Mechanical Data		
Max. wind velocity	200 km/h	
Wind Load	5,8 kg @ 144 km/h	13 kg @ 144 km/h
Material	Fibreglass shroud with Aluminium clamp	
Mounting	With clamp to 25 – 50 mm Ø support pipe.	
Dims	1,5 m	3 m
Packed Dims	Ø 9 cm x 150 cm	Ø 9 cm x 300 cm
Packed Weight	1,6 kg	1,9 kg

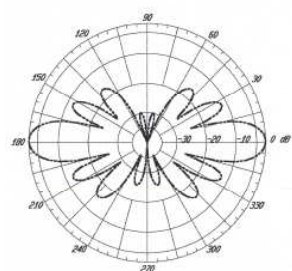
- ☑ Horizontal radiation pattern is Omni-directional.
- ☑ Vertical polarization.
- ☑ Normalized scale – not gain.



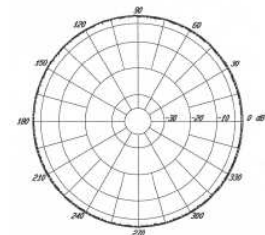
**SM400**



**3 dB Vertical Pattern**



**6 dB Vertical Pattern**



**Horizontal Pattern**