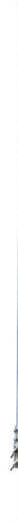


SiteMaster® VHF Highband COLLINEARs

- ☑ SM fiberglass collinear antennas are completely sealed against dust and moisture ingress.
- ☑ 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.

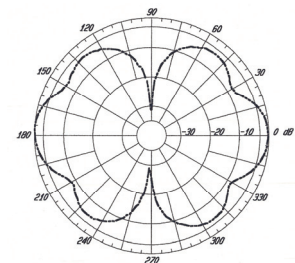


SM

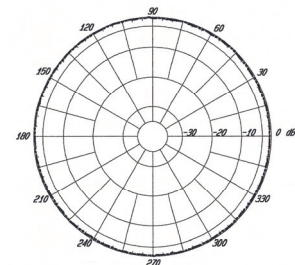
Electrical	SM140-3	SM150-3	SM160-3	SM170-3	SI
Frequency	138 - 146	146 - 156	156 - 166	165- 174	MHz
Gain	3 (Nominal)				dBd
VSWR	≤ 1,5:1				
Polarisation	Vertical				
H Plane	3 dB beam width 360°				deg
E Plane	3 dB beam width 36°				deg
Rated power	150				W
Impedance	50 Ω				ohm
Termination	N-Type male				
Surge Protect	Directly grounded				

Mechanical Data

wind velocity	200 Max.	km/h
Wind load	13 kg @ 144 km/h	
Material	Fibreglass shroud with integral Aluminium clamp	
Mounting	Clamp to support pipes Ø 25 to Ø 50 mm	
Dimensions	L 3 (Antenna)	m
Packed Dims	5,2 kg / 300 x Ø 9 cm	



3 dB Vertical Pattern



Horizontal Pattern

NOTES:
 VERTICAL POLARIZATION.
 NORMALIZED SCALE –
 NOT GAIN.