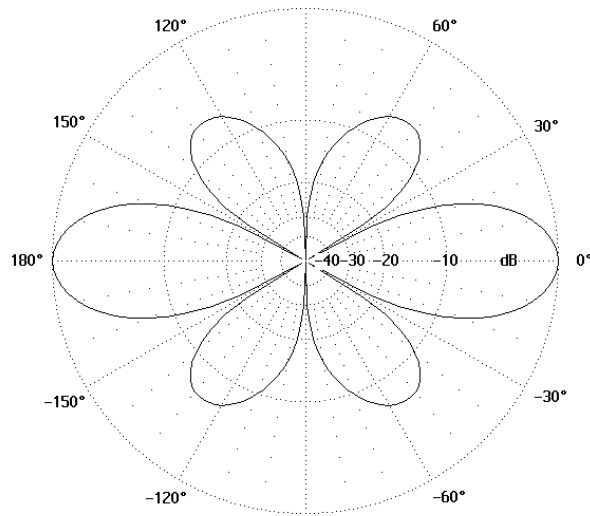



ATEX APPROVED MEDIUM GAIN BASE STATION ANTENNA AV1916-EXnA-915FN2



Type	AV1916-EXnA-915FN2
Frequency	870...960 MHz
Bandwidth	90 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	6 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	26°
H-plane 3 dB beamwidth	-°
Electrical downtilt	None
Front to back ratio	- dB
Max. Continuous power	250W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,1 m ²
Dimensions (H x W x D) (\varnothing x H)	970 x 160 x 80 mm
Weight	5,2 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	\varnothing 30...115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	 II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C \leq Tamb \leq +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.