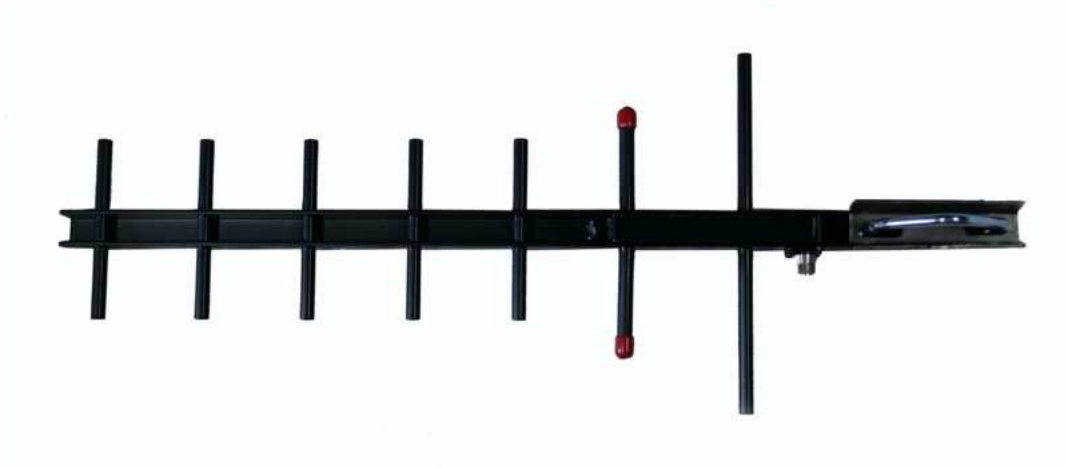


Directional antenna

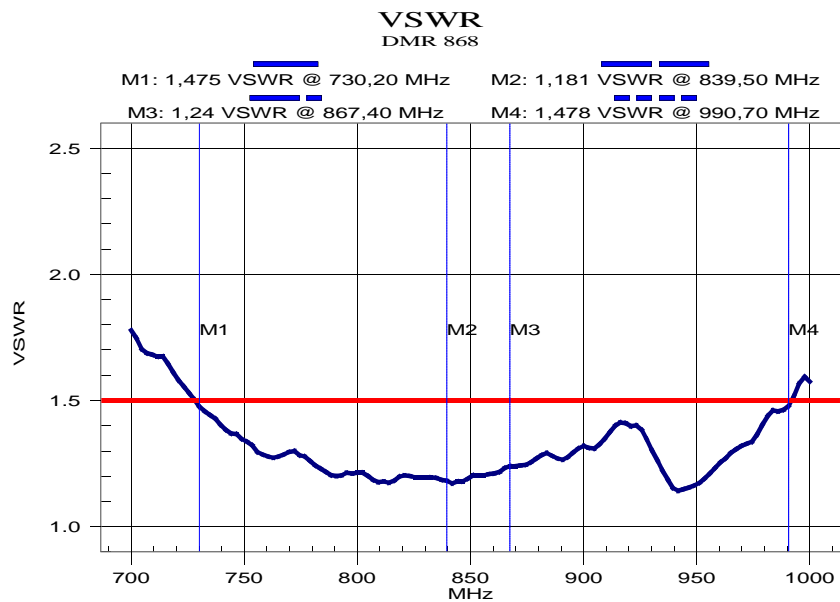
DMR 868



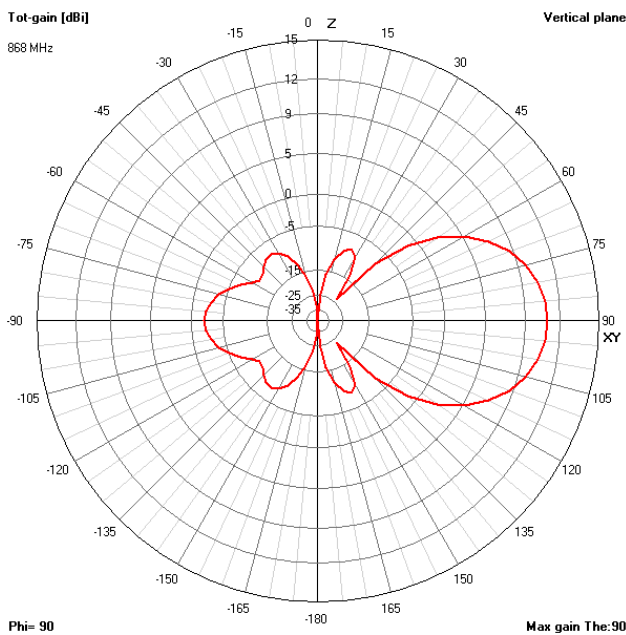
The antenna designed for a base installation, in telecommunication networks to increase the range of radio modems operating at the band of 868 MHz. A duraluminum construction is powder painting and DC-grounded makes it easy to connect the antenna with a lightning protection installation of the mast.

The DMR 868 antennas may be used in antenna arrays of two or more antennas, connected with power dividers PD 868/2, PD 868/3.

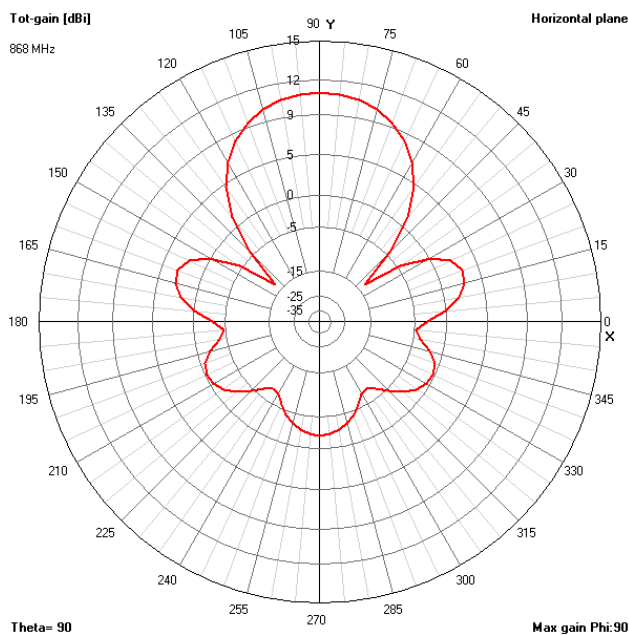
ELECTRICAL	
Gain	11 dBi
Radiation pattern	directional
Impedance	50 Ω
Antenna type	YAGI
VSWR	$\leq 1,3$
Maximum power	100 W
Bandwidth	260 MHz
MECHANICAL	
Connector type	BNC,TNC, N, 7/16
Material	Aluminum PA 38, powder painting (black)
Polarization	vertical/horizontal
Diameter of mounting mast	40-80 mm
Weight	1,2 kg
Lightning protection	Galvanic at the antenna corpus
Total length	665,0 mm
Warranty period	2 years
Packaging	carton box
Wind speed	45 m/s
CLIMATIC CONDITIONS	
Temperature range	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C



VSWR



Vertical radiation pattern



Horizontal radiation pattern



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