

MD 118 - 137 Aviation

DESCRIPTION

Dipole $1/2 \lambda$ with loaded radial covering the frequency range of 118-137 MHz for aeronautical band. The whip is made of black chromed stainless steel and all the metallic components are of brass to get the best robustness. Thanks to its loaded radial, MD 118-137 Aviation can be positioned on both metallic and non-metallic surfaces and it is particularly recommended for installation on small aircraft.

TECHNICAL DATA

Electrical Data

Type	: Dipole $1/2 \lambda$ with loaded radial
Frequency range	: 118-137 MHz
Impedance	: 50Ω
Radiation (H-plane)	: 360° omnidirectional
Polarization	: Vertical
Gain	: 2.15 dBi
Max Power	: 50 Watts
Feed system / position	: Direct / Center
Cable length / Type	: 5m, other length on request / RG58 C/U
Connector	: FME-female, other type on request

Mechanical Data

Materials	: Stainless Steel 17/7 PH, Nylon, Chromed Brass, Zamac
Wind resistance	: 220 Km/h
Length (approx.)	: 760 mm
Weight (approx.)	: 330 gr
Radial length	: 165 mm
Mounting Hole	: \varnothing 14 mm

MOUNTING INSTRUCTIONS

Drill a \varnothing 14mm hole on the surface of the cockpit of max 1,5mm thickness and clean the painted surface to obtain the best ground contact. Fix the antenna base and the radiator being sure to well lock all the parts.

Remarks: The cable must not interfere or disturb the pilot movement. Be sure to well fix the cable from the transceiver to the antenna. Do not use an Input power higher than the allowed one. Occasionally don't forget to check the well-done locking of all fixed parts.

