

UHF Centre fed (Dipole) Vehicle Antenna 225-470 MHz

Type 5000-9101

Racal Antennas strategic marketing alliance with The Shakespeare Company has enabled a broader portfolio of products to be offered to the market.

The 5000-9101 antenna is a broadband centre fed whip covering the whole of the UHF frequency band of 225 to 470MHz. It is designed for use on military installations and vehicles where electrical isolation of the antenna is desirable and in positions where a ground plane is not available. The single element is mounted on a rugged high pressure moulded composite base using a robust stainless steel coil spring to reduce impact shock. Base fixings to the vehicle are UK/NATO 3/6 as standard (USA 4 hole pattern available on request)



Electrical Specification	
Frequency range	225 - 470 MHz
Power rating	60W
Connections	N-type female
Input impedance	50Ω
VSWR	≤3.5:1
Pattern	Omni-directional when mounted at the centre of a circular counterpoise
Polarisation	Linear vertical
Mechanical Specification	
Design	Single element fibreglass design
Height	Overall height with base - 889mm
Weight	2.8kg Base: 1.8kg Element: 2.6kg Mast Adaptor: 0.6kg
Finish	The antenna base is a robust High-pressure Moulded Composite (HMC) moulding. The antenna is a single piece, glass fibre design
Environmental Specification	This product has been designed to meet the military environmental conditions of DEF STAN 00-35

RACAL ANTENNAS

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