

DESCRIPTION AND USE OF THE EMCO MODEL 93146 LOG-PERIODIC ANTENNA

Description

The EMCO Model 93146 Log-Periodic Antenna is a broadband, linearly polarized antenna designed to operate over the frequency range of 200-1000 MHz.

Size considerations are of primary concern in this design. This, as well as an all aluminum construction, makes it easily portable and suitable for use in applications where space is limited, such as shielded rooms. The antenna comes completely assembled and no adjustment is necessary.

This unit is not characterized by individual calibration and therefore is not intended for use in regulatory compliance measurement applications. This unit is also suitable for susceptibility analysis and is capable of handling up to 1 kW of power.

Specifications

Frequency Range:	200 - 1100 MHz
Nominal Impedance:	50 Ω
Connector:	Type N
Average VSWR:	less than 2:1
Assembled Dimensions:	
Length:	29.5" (75 cm)
Maximum Width:	29.5" (75 cm)
Depth:	2.5" (6.4 cm)
Weight:	4.5 lbs (2 kg)