

ABSTRACT**"A Broadband Monopole Antenna"**

A broadband monopole antenna operable over a bandwidth defined between a low operating frequency f_1 at a wavelength of λ_1 and a high operating frequency f_2 at a wavelength of λ_2 , which antenna comprises a monopole radiating element; and a sleeve element enclosing at least a part of the monopole radiating element, the sleeve element having a length l_2 of substantially $0.26\lambda_2$ and a diameter which is inversely proportional to the operating frequency.

[Figure 4]