

Abstracts

The waveguide below-cutoff attenuation standard (1997 Vol. III [MWSYM])

D.H. Russell. "The waveguide below-cutoff attenuation standard (1997 Vol. III [MWSYM])."
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A semi-tutorial review of the history, development and application of waveguide below-cutoff attenuation standards is presented. A brief summary of the EM theory is followed by descriptions of the various designs implemented over a span of 60 years. Designs range from simplistic to elaborate electro-mechanical creations stretching the toolmaker's art yet ultimately dependent upon the primary standard of length.

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