

Abstracts

The waveguide below-cutoff attenuation standard (Dec. 1997, Part II [T-MTT])

D.H. Russell. "The waveguide below-cutoff attenuation standard (Dec. 1997, Part II [T-MTT])."
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A semitoritorial review of the history, development, and application of waveguide below-cutoff (WBCO) attenuation standards is presented. A brief summary of the electromagnetic (EM) theory is followed by descriptions of the various designs implemented over a span of 60 years. Designs range from simplistic to elaborate electromechanical creations that stretch the toolmaker's art yet are ultimately dependent upon the primary standard of length.

[Return to main document.](#)