

# Abstracts

## Design of a Tapered Transition in a Circular Waveguide (Correspondence)

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*P.S. Christensen. "Design of a Tapered Transition in a Circular Waveguide (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.1 (Jan. 1971 [T-MTT]): 99-100.*

This correspondence describes a successful design procedure for transitions in circular waveguide. The design procedure is discussed and a universal design curve developed. As an example, one point on a 12-in taper from WRC 283 (2.81-in ID) to WRC 621 (1.28-in ID) is calculated. Test results for the 12-in taper in the 5.925-to 6.425-GHz common carrier band are given.

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