

Abstracts

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

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.

[Return to main document.](#)