

Accurate and efficient CAD-oriented modeling of circular waveguide bends

A. Weisshaar, M. Mongiardo and V.K. Tripathi. "Accurate and efficient CAD-oriented modeling of circular waveguide bends." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1591-1594.

An extended local modes approach suitable for computer-aided design of curved waveguide bends is presented. This together with a new equivalent network representation of the circular bend consisting of uncoupled modes and coupling networks are found to provide accurate and efficient computer-aided design and simulation tools for circular bends.

 [Return to main document.](#)