

Abstracts

Low Loss Electronically Controlled EHF Variable Power Dividers

D.S. Besse and T.E. Sharon. "Low Loss Electronically Controlled EHF Variable Power Dividers." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 332-334.

The development of an EHF variable power divider (VFD) using 90° phase shifters and fixed 3 dB couplers is described. The accurate characterization of individual components of the VFD's leading to the construction of a device capable of over 34 dB cancellation is discussed.

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