

# Abstracts

## Variable Power Dividers in Satellite Systems

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*E.W. Matthews. "Variable Power Dividers in Satellite Systems." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 338-340.*

Variable power dividers (VPD'S) are used for electronically despinning an antenna on a rotating satellite, and for beam steering or shaping in a multiple-beam satellite antenna system. Designs of each type for the SMS and DSCS III satellites are described, comprising both diode and ferrite varieties.

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