

Abstracts

X-Band Rotary Joint

H.J. Riblet and R.L. Williston. "X-Band Rotary Joint." 1953 Transactions on Microwave Theory and Techniques 1.1 (Mar. 1953 [T-MTT]): 23-24.

In view of the important part played by rotary joints in many radar systems, it is surprising that little or nothing has been published on this subject since the appearance of the discussion by Niemann, Ehlers and Worrell, in which they give the war time status of this component. In spite of the excellent work already done on this project, however, there remained a need for a high power rotary joint with a lower V.S.W.R. over a 11% frequency band.

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