

Abstracts

A Broad-Band Crystal Mount 10.5 kmc to 20 kmc (Correspondence)

A. Staniforth. "A Broad-Band Crystal Mount 10.5 kmc to 20 kmc (Correspondence)." 1960 *Transactions on Microwave Theory and Techniques* 8.4 (Jul. 1960 [T-MTT]): 464-465.

Laboratory measurements at microwave frequencies very often require the use of a sensitive detector with broad-band characteristics. A crystal mount has been developed with a nearly uniform response from 10.5 kmc to 20.0 kmc using coaxial crystals type 1N26 or 1NT78A. The best over-all sensitivity is obtained with 1N78A crystals, although the 1N26 crystals are more sensitive from 17 to 20 kmc.

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