

Abstracts

A 450-W Output Multiplexer for Direct Broadcasting Satellites

D.J. Rosowsky and D. Wolk. "A 450-W Output Multiplexer for Direct Broadcasting Satellites." 1982 Transactions on Microwave Theory and Techniques 30.9 (Sep. 1982 [T-MTT] (Special Issue on Microwave Filters)): 1317-1323.

The development and design of high power manifold type output multiplexer are described. The results obtained on Invar multiplexers with up to 450-W input power per channel are reported. The multiplexer are equipped with heat pipes in order to remove the heat generated in the filters.

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