

Abstracts

A PIN Diode Switch that Operates at 100 Watts CW at C-Band

J. Sherman. "A PIN Diode Switch that Operates at 100 Watts CW at C-Band." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1307-1310.

Measured data on a packaged 6 port matrix switch yields an insertion loss of 1.2 dB maximum and isolation of 60 dB minimum from 4.2 to 5.2 GHz. The phase balanced switch handles 100 watts CW in the frequency band at temperatures of -30 to +95C.

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