

Abstracts

Matched Four Port Hybrid Filters

C.I. Mobbs. "Matched Four Port Hybrid Filters." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 149-152.

A method is present for the design of matched filters using 3dB hybrids which are suitable for channeliser/multiplexer applications. A procedure for integrating the hybrids into the channel filters has been devised, which when applied to printed circuit filters having good amplitude and phase tracking, leads to low loss, high performance devices which are easy to manufacture and align.

 [Return to main document.](#)