

A Simplified Approach to Choosing a DC Blocking Capacitor

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All capacitors block DC, but the selection of a capacitor for a specific application is often a time-consuming process. One option is iterative testing of different capacitors and measuring the performance. Alternatively, one can speed the selection by using a capacitor capable of blocking across a wide frequency range. However, while a shorter path, this could be a costly solution and may present other problems. A new approach is to select from a series of capacitors already characterized for common frequency bands with known transmission characteristics.