Planar Monolithics Industries, Inc.

Ultra Compact
Dual Sided Switch Filter Bank
Transmit/Receive Module

RX Side

- Frequency: 100 MHz to 18 GHz
- 6 channels, 5 filtered, 1 through on each side
- Customizable filter passbands
- Switching speed: 100 ns
- TX gain: 32 dB
- TX output P1dB: +15 dBm

TX Side

- Both filter banks can be used simultaneously in different bands
- Rejection: 40 dBc @ 400 MHz from band edge
- RX input isolation: 100 dB
- RX gain path: 18 dB
- RX loss path: -10 dB

2 Custom Filter Banks in 1 Module
4.800" by 3.080" by 0.365"

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Hermetic Sealing, High Reliability to Mil-Std-883, Small Quantity Requirements accepted & we offer Custom Designs too.