

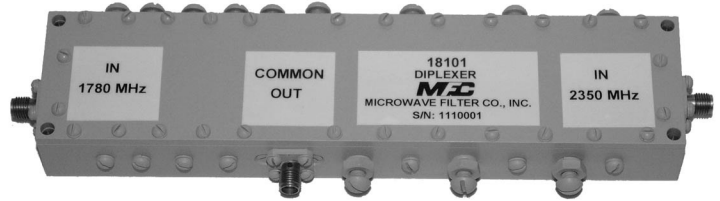


L-Band/S-Band Diplexer

Model 18101

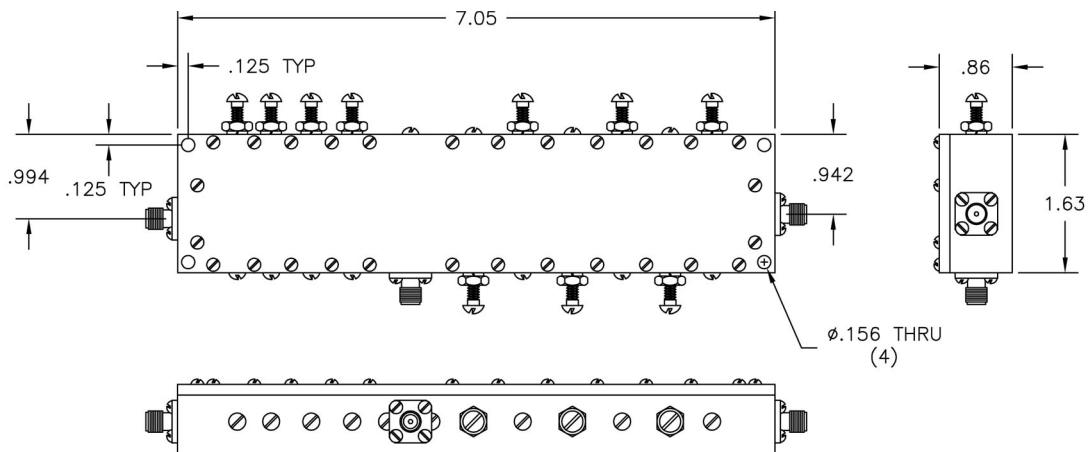
This diplexer allows users to combine specific L-band and S-band operations on to one common feed.

The model 18101 consists of a low band (1710 - 1850 MHz) bandpass filter section and a high band (2200 - 2500 MHz) bandpass filter section coupled together, resulting in superior isolation between the two bands.



Specifications:

Center Frequency (Fo):	1780 MHz (Band #1) 2350 MHz (Band #2)
Insertion Loss @ Fo:	0.5 dB Max
Relative (0.25 dB) Bandwidth:	140 MHz Min (Band #1) 300 MHz Min (Band #2)
VSWR (Over Rel. Bandwidth):	1.3:1 Max
Mutual Isolation::	75 dB Min
Impedance:	50 Ohms
Connectors:	SMA-female
Operating Temperature Range:	-30°C to +70°C
Dimensions:	7.05" x 1.63" x 0.86" (179 mm x 41 mm x 22 mm)



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