

IP Radio (11 GHz) / BAS (13 GHz) Diplexer

Model 18444

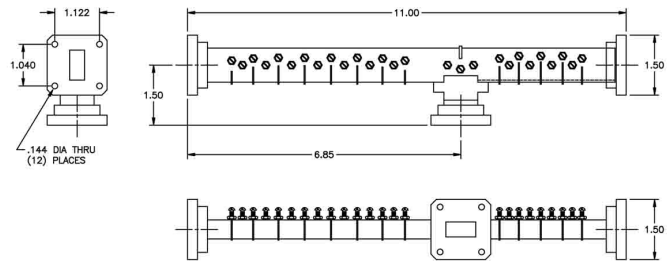
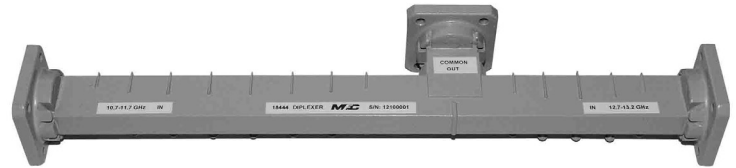
This diplexer enables broadcasters to run their (11 GHz licensed) IP radio through the same antenna as their (13 GHz) broadcast auxiliary services.

Utilizing high “Q” band filtering components, the model 18444 provides excellent isolation between the two bands with minimal signal degradation.

- *Reduces Costs* - Dual operations through a single antenna system means less equipment needed
- *Versatile* - Compatible with virtually any (11 GHz) IP radio & (13 GHz) BAS equipment
- *Alternate Flange Configurations are Available Upon Request*

Specifications:

Passband # 1 (IP Radio)	10.7 - 11.7 GHz
Passband #2 (BAS)	12.7 - 13.2 GHz
Passband Insertion Loss	0.20 dB Typ; 0.35 dB Max
Passband V.S.W.R.	1.30: 1 Max
Passband Power (CW)	100 Watts Max / Band
Mutual Isolation	50 dB Min
Interface	WR75 Cover Flanges
Dimensions	11.0" x 1.5" x 1.5" (279 mm x 38 mm x 38 mm)



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