

## Harmonic Reject Filter

UBS Harmonic Reject filters are designed for wideband applications requiring low pass-band insertion loss and high harmonic stopband rejection. The design incorporates cost-saving integrated waveguide-to-coax adapters for connectorized applications. Designs with waveguide flanges are also available. The illustration and specifications shown herein are for a full WR-137 band harmonic reject filter. Other full waveguide band designs are also available with bandwidths ranging from 10-100% of the waveguide frequency range. Please consult our sales department to discuss your specific application.

### Features

- Wide Band Spurious Free Performance
- Excellent Harmonic Suppression
- Low Pass Band Insertion Loss
- Evanescent-Mode Rigged Waveguide Design
- Integrated Waveguide-to-Coax Adapters



### Specifications

Band Pass Frequency	5.85 GHz - 8.2 GHz
Insertion Loss	0.3 dB max (0.2 dB typ)
Stop Band Frequency	10.5 GHz - 16.4 GHz
Stop Band Attenuation	> 70dB
VSWR	1.40:1 (Full Band)
Connectors	SMA, type N or W/G
Dimensions	7.3" X 1.8" X 1.2"

