



# Diplexers for Millimeter Wave Harmonic Mixers

## Diplexer Model # DPL.313

L.O. 3-13 GHz, I.F. <1 GHz. This diplexer configuration is specifically for use with the IFR/Marconi # 930/940/1800/2390A series spectrum analyzers. It is supplied with two SMA (m) barrel adapters for L.O. and I.F. interconnection to the spectrum analyzer. A high quality, one meter long cable is supplied for the connection of the harmonic mixer to the diplexer.

## Diplexer Model # DPL.26

L.O. 2-7 GHz, I.F. <1 GHz.

## Diplexer Model # DPL.313B

L.O. 3-13 GHz, I.F. <1 GHz.

This diplexer configuration is for use with spectrum analyzers other than IFR/Marconi and for general lab use. The diplexers are supplied with one SMA (m) barrel adapter for connection of the diplexer L.O. port directly to the spectrum analyzer (or other) L.O. source output port. A short flexible SMA cable is supplied for connection of the diplexer I.F. port to a spectrum analyzer I.F. input port. A high quality, one meter long cable is supplied for connecting the harmonic mixer to the diplexer.