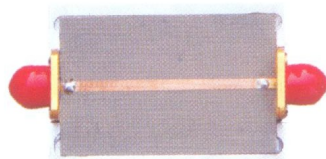


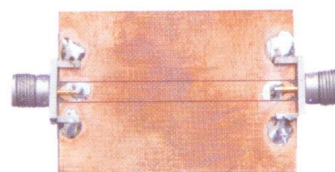
Advanced Microstrip Trainer



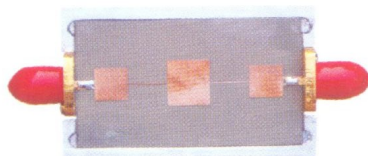
I. 50-ohm Microstrip Line



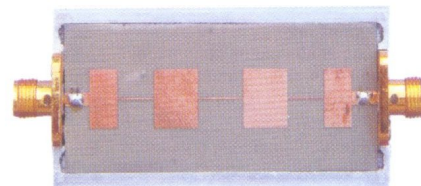
II. 50-ohm Coplanar Waveguide



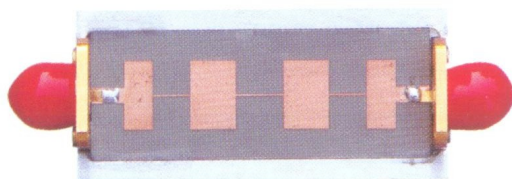
III. 5th Order low impedance-high impedance low pass filter [cut off frequency ~2GHz]



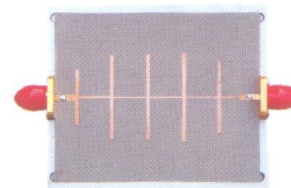
IV. 7th Order low impedance-high impedance low pass filter [cut off frequency ~2 GHz]



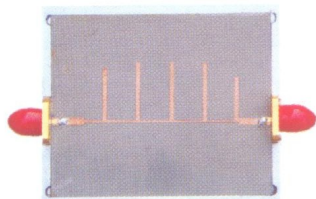
V. 7th order low impedance-high impedance low pass filter [cut off frequency ~2.45GHz]



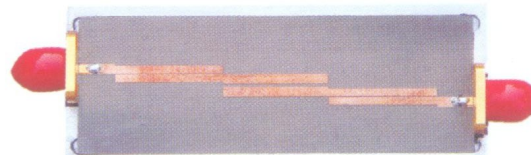
VI. Symmetrical stub line low pass filter [cut off frequency ~2.45GHz]



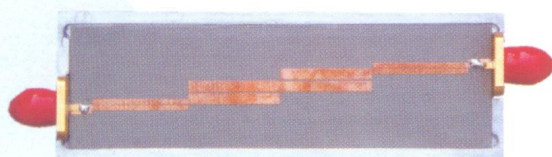
VII. Asymmetrical stub line low pass Filter [cut of frequency ~2.45 GHz]



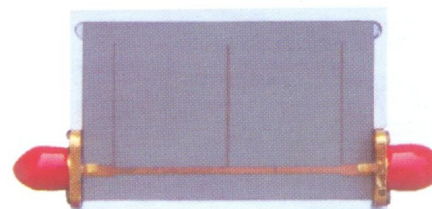
VIII. Three-resonator band pass filter [centre frequency ~ 2.45GHz]



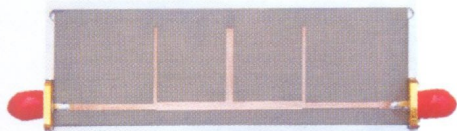
IX. Four-resonator band pass filter [centre frequency ~ 2.45GHz]



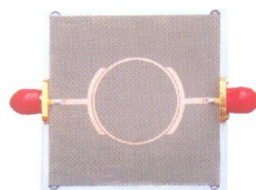
X. Three-stub band stop filter [centre frequency ~ 2.45 GHz]



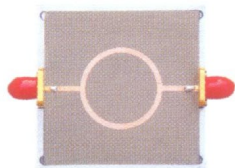
XI. Five-stub band stop filter
[Centre frequency ~ 2.45GHz]



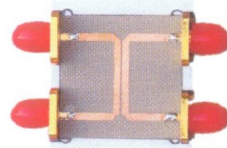
XII. Ring resonator with coupling gap
[centre frequency ~ 2.45GHz]



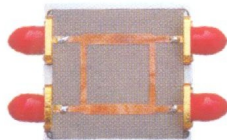
XIII. Ring resonator without coupling gap
[centre frequency ~ 2.45GHz]



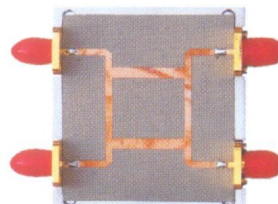
XIV. Parallel coupled directional coupler



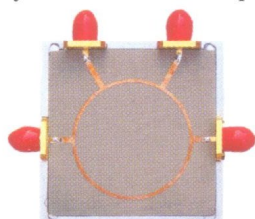
XV. Branch Line Hybrid Directional coupler-Type I



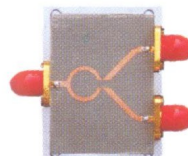
XVI. Branch Line Hybrid Directional coupler-Type II



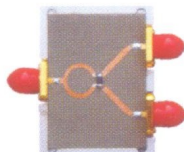
XVII. Rat Race Hybrid Directional coupler



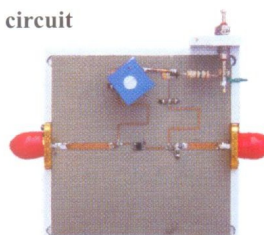
XVIII. Power Divider without isolation resistor



XIX. Power Divider with isolation resistor



XX. Amplifier circuit



Accessories

1. Fixed Short	1 No
2. Termination 50m	2 No
3. Coaxial MUD Coupler	1 No
4. Synthesized generator with modulator, F=2.0 - 3.3 GHz	1 No
5. Detector	1 No
6. SMA Cable and accessories	—
7. VSWR Meter	1 No

Note : Components are also available in discrete at extra cost.

