

## **EE4306 Tutorial**

### **Interdigital Filter**

Using Microwave Office, design a 5 resonator interdigital filter to have a centre frequency of 750 MHz and a bandwidth of 30 MHz. The filter is to use RO4003 substrate with 1 oz copper and 0.83 mm thickness. The input and output impedances are to be  $50\Omega$ .

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1 Nov 2005