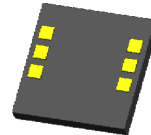


### Equalizer

- ◆ 14GHz to 18GHz
- ◆ Input Power:1W
- ◆ Equilibrium Value:2dB
- ◆ Impedence:50Ω



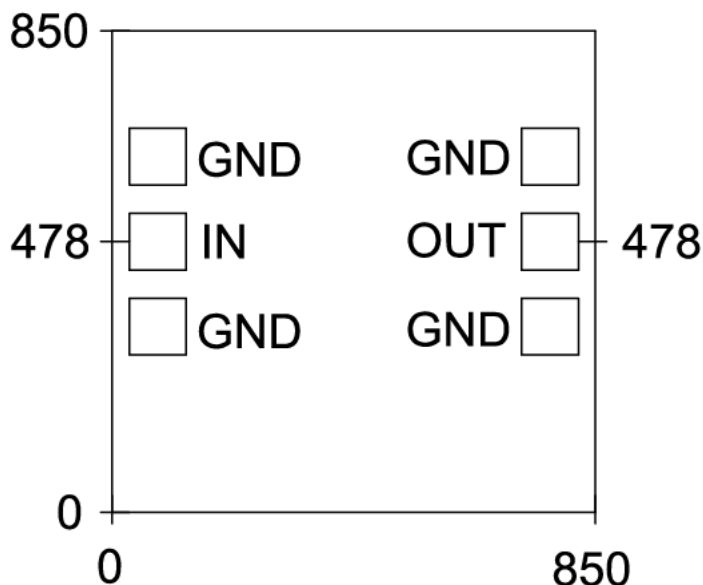
### Features

- Adopting advance GaAs technology
- Low VSWR
- Wide Equilibrium
- Die Package

### Specification

|                        |                  |
|------------------------|------------------|
| Freq. Range:           | 14GHz to 18GHz   |
| Impedence:             | 50Ω              |
| Input Power:           | 1W               |
| Insertion Loss:        | 0.65dB@18GHz     |
| In/Outinput VSWR:      | 1.2/1.2          |
| Size:                  | 0.85x0.85x0.1mm  |
| Operating Temperature: | -55 °C to 125 °C |

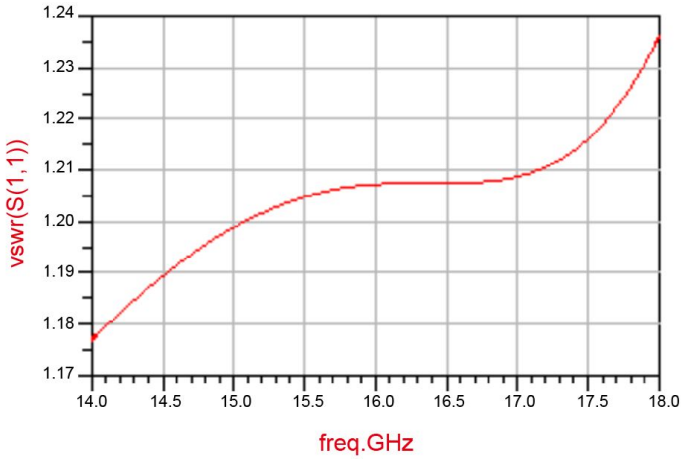
### Outlines Dimension



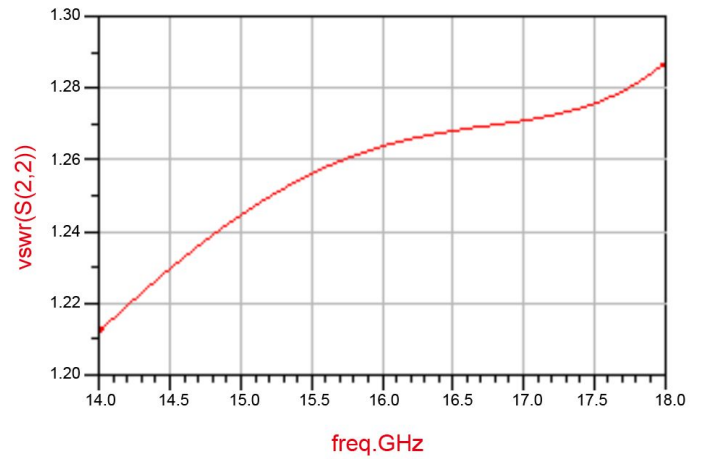
| Paramter       | Value(μm) |
|----------------|-----------|
| Thickness      | 100       |
| Width          | 850       |
| Length         | 850       |
| Electrode Size | 100x100   |

### Test Curve (Die on the probe platform)

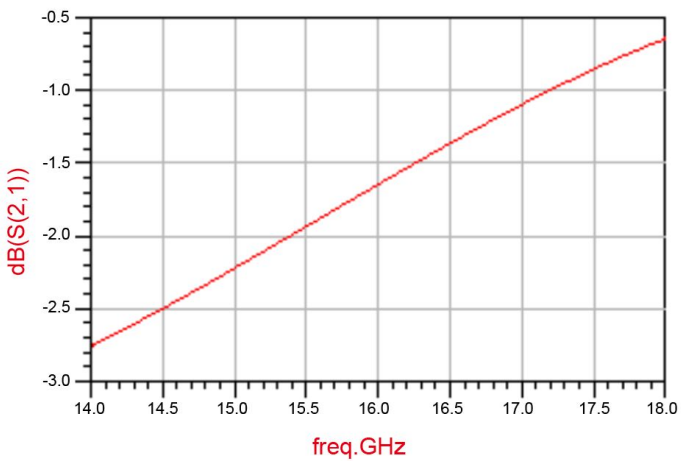
**vswr(S(1,1))**



**vswr(S(2,2))**



**dB(S(2,1))**

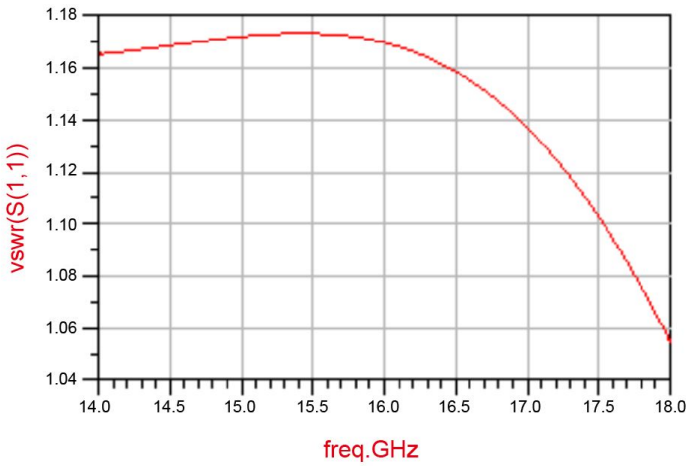


**Yantel Corporation**

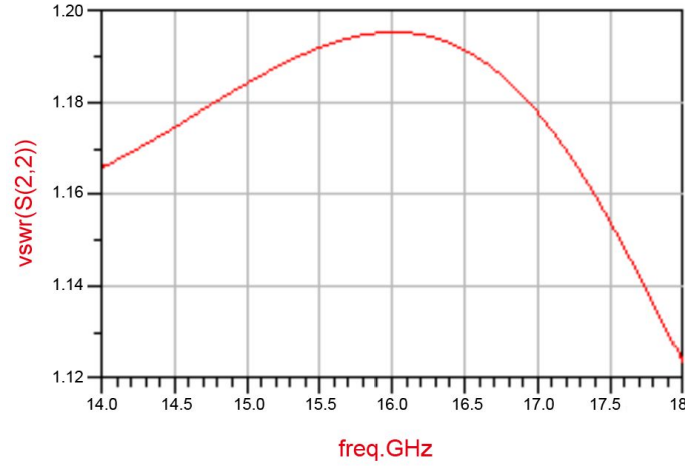
Add: 3F, Building 3, Southern District 2 of ZhongGuan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China  
 Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

### Test curve result (add 300um double wire-bonding)

vswr(S(1,1))



vswr(S(2,2))



dB(S(2,1))

