

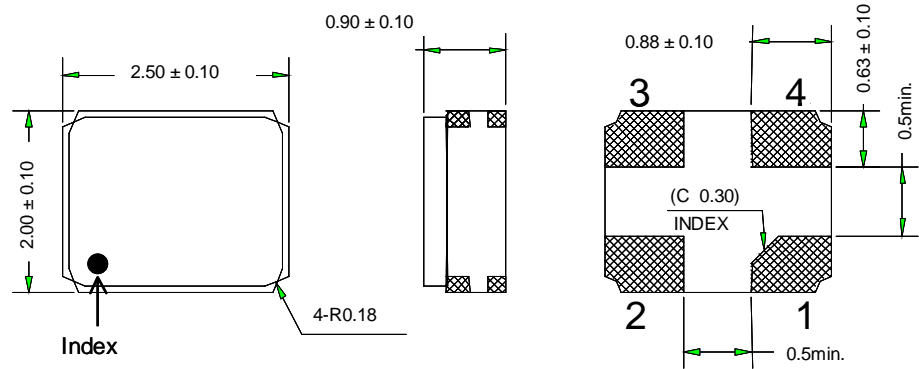
| | | | |
|-----------------|------------------------|-------------------------------|---------------|
| Customer Name | Standard specification | FUJITSU MEDIA DEVICES LIMITED | |
| System | PCS-Rx | DATE | June 18, 2003 |
| FMD Part Number | FAR-F6CP-1G9600-L23YA | Version 1.0 | |

Table.1

| Item | Condition (MHz) | Unit | Specification | | | Remarks |
|----------------------------|--------------------|------|--------------------------|-----|-----|---------------------|
| | | | Min | Typ | Max | |
| Insertion Loss | 1930 ~ 1990 | dB | - | 2.5 | 3.5 | |
| Ripple | 1930 ~ 1990 | dB | - | 0.8 | 2.0 | |
| VSWR | 1930 ~ 1990 | dB | - | 2.2 | 2.5 | |
| Absolute attenuation | DC ~ 1850 | dB | 21 | 22 | - | |
| | 1850 ~ 1910 | dB | 20 | 26 | - | -30 ~ +75 °C |
| | | dB | 17 | - | - | +75 ~ +85 °C |
| | 2010 ~ 2070 | dB | 10 | 15 | - | at +25 °C |
| | 3860 ~ 3980 | dB | 30 | 33 | - | |
| 5790 ~ 5970 | dB | 24 | 30 | - | | |
| Max. Input Power | 1930 ~ 1990 | dBm | - | - | +13 | |
| Input and Output impedance | 1930 ~ 1990 | Ohms | - | 50 | - | |
| Temperature range | Operating | °C | -30 to +85 | | | |
| | Storage | °C | -40 to +100 | | | |
| Package size | - | mm | 2.5typ x 2.0typ x 1.0max | | | |

| | | | |
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● **Dimensions**



1 to 4 : Pin No. Unit : mm

Fig.1

● **Pin Configuration**

Table.2

| Pin No. | Symbol | Function |
|---------|--------|----------|
| 1 | IN | Input |
| 2 | GND | Ground |
| 3 | OUT | Output |
| 4 | GND | Ground |

● **Evaluation Circuit**

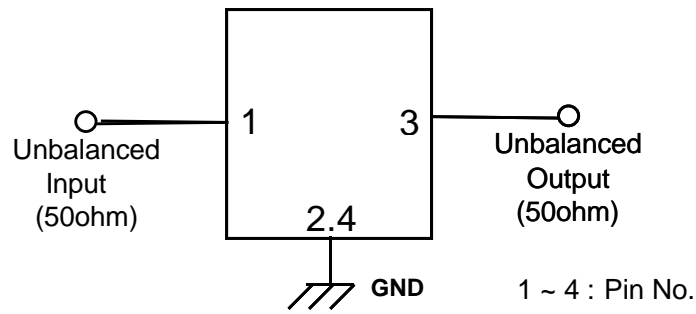


Fig. 2

| | | | |
|-----------------|------------------------|-------------------------------|---------------|
| Customer Name | Standard specification | FUJITSU MEDIA DEVICES LIMITED | |
| System | PCS-Rx | DATE | June 18, 2003 |
| FMD Part Number | FAR-F6CP-1G9600-L23YA | Version 1.0 | |

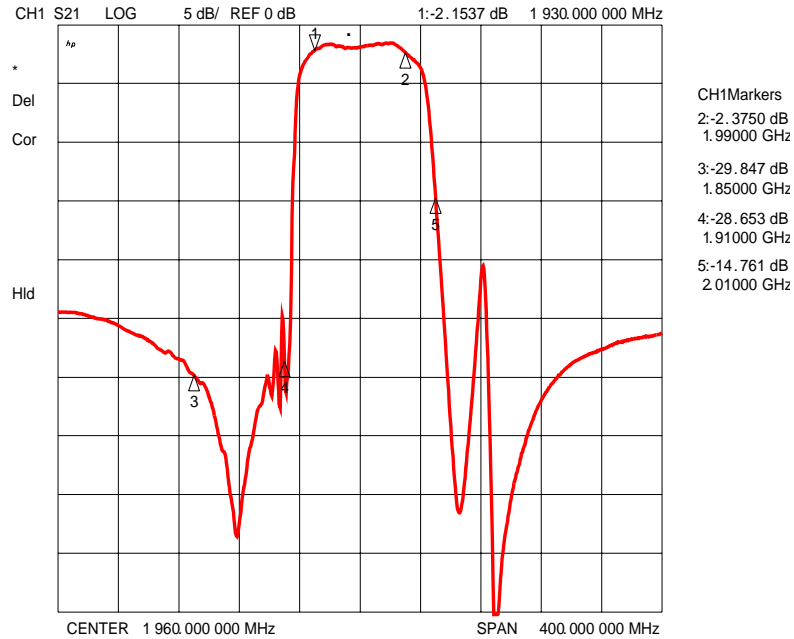


Fig.3 Pass-band Characteristics

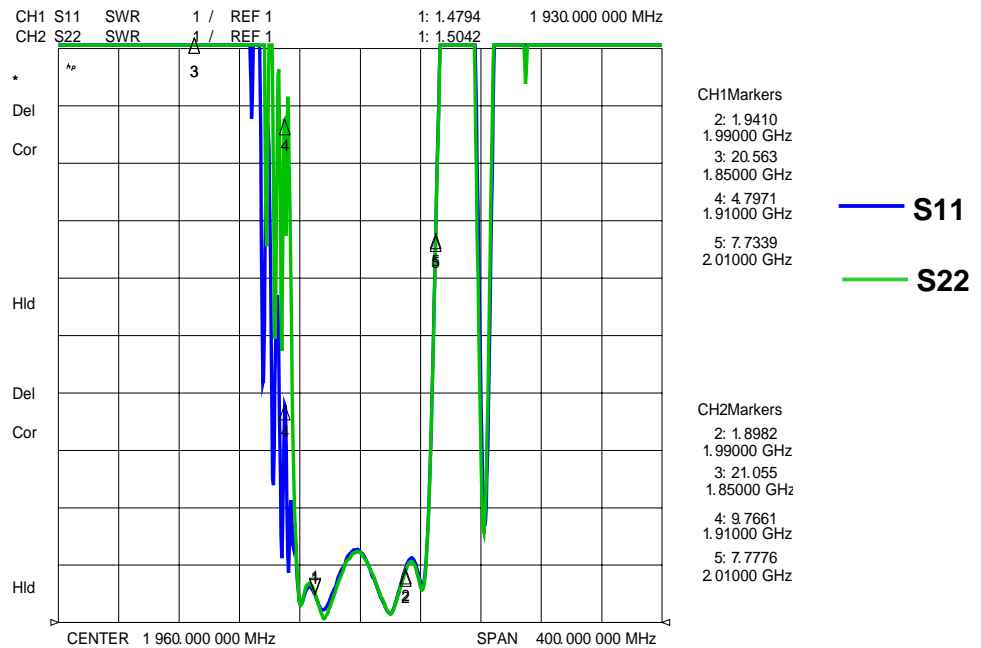


Fig.4 VSWR

| | | | |
|-----------------|------------------------|-------------------------------|---------------|
| Customer Name | Standard specification | FUJITSU MEDIA DEVICES LIMITED | |
| System | PCS-Rx | DATE | June 18, 2003 |
| FMD Part Number | FAR-F6CP-1G9600-L23YA | Version 1.0 | |

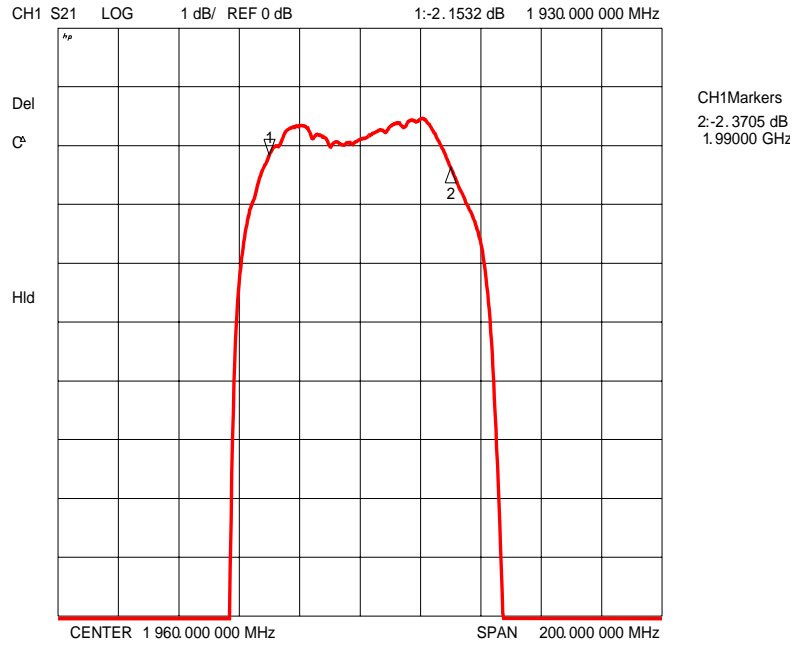


Fig.5 In-band Characteristics

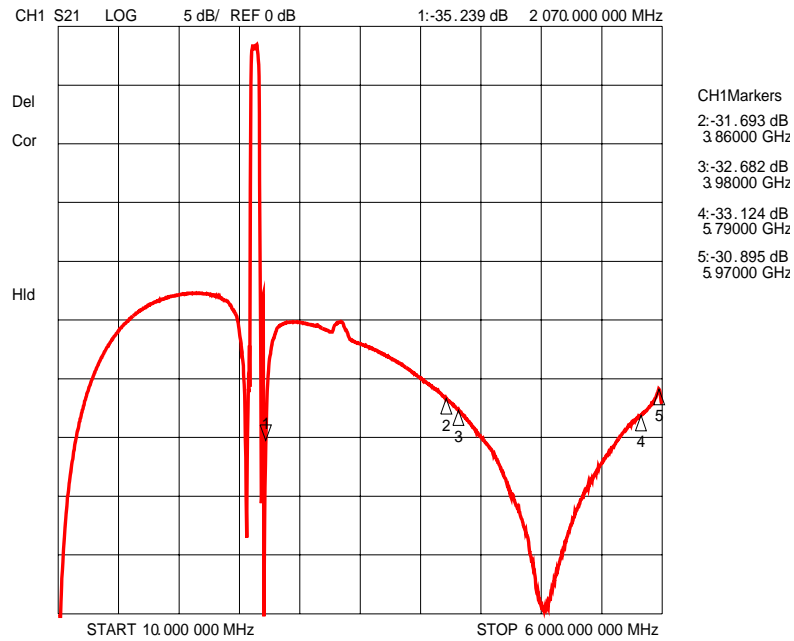


Fig.6 Wide-band Characteristics

| | | | |
|-----------------|------------------------|-------------------------------|---------------|
| Customer Name | Standard specification | FUJITSU MEDIA DEVICES LIMITED | |
| System | PCS-Rx | DATE | June 18, 2003 |
| FMD Part Number | FAR-F6CP-1G9600-L23YA | Version 1.0 | |

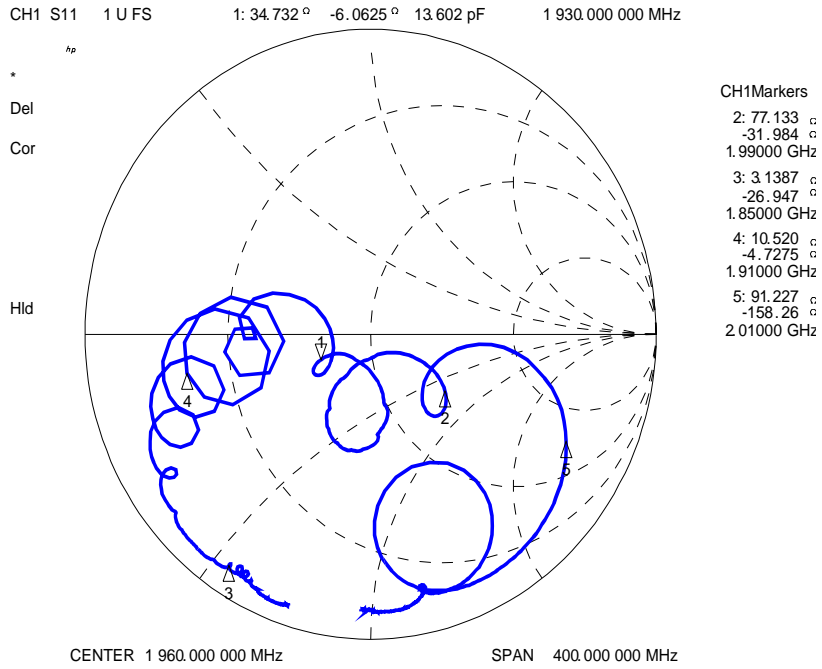


Fig.7 Input Impedance

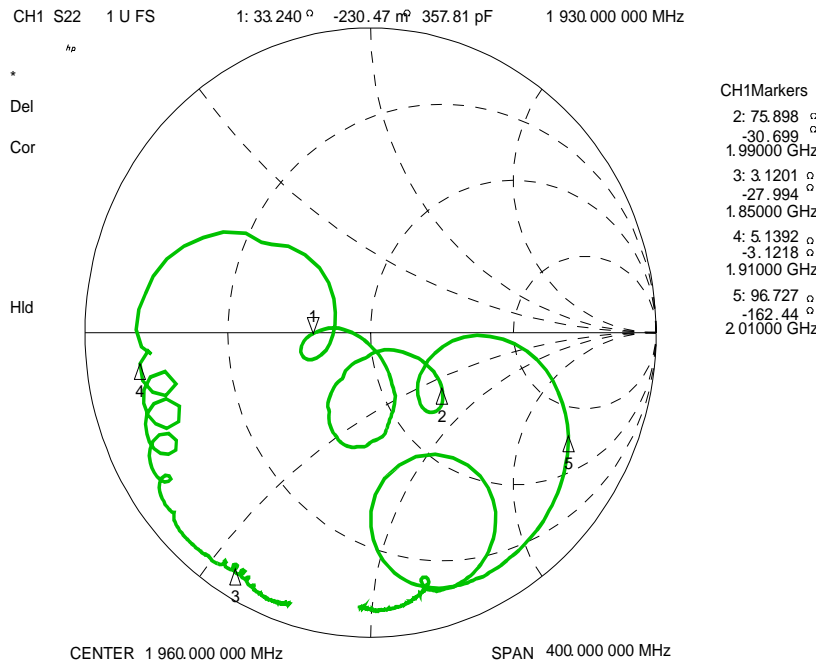


Fig.8 Output Impedance