

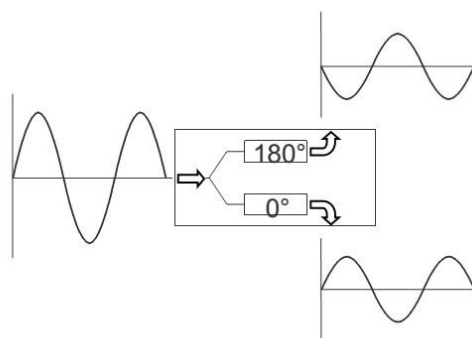
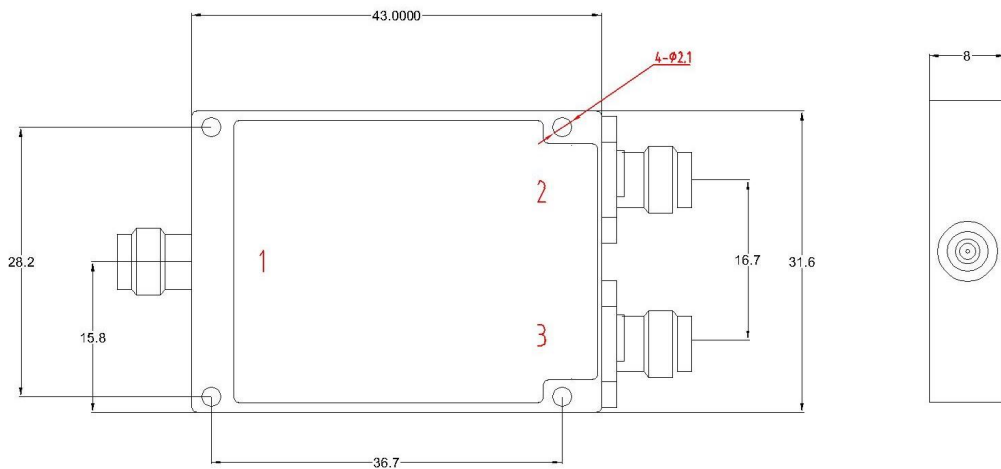
### Electrical Specifications

Frequency Range	300 KHz ~ 50 GHz
Insertion Loss (dB)	9 Typ, (12 Max)
Isolation(dB)	12 Typ
Amp.Bal. (dB)	±1 Typ, (3 Max)
Phase Bal. (Deg)	±3 Typ, (10 Max)
Input Power Max.(dBm)	27

### Mechanical Specifications

Connector Type	2.4mm-Female
Body Material	Brass Gold Plated
Operating Temperature	-25°C ~ +55°C
Storage Temperature	-55°C ~ +85°C

### Outline Drawing

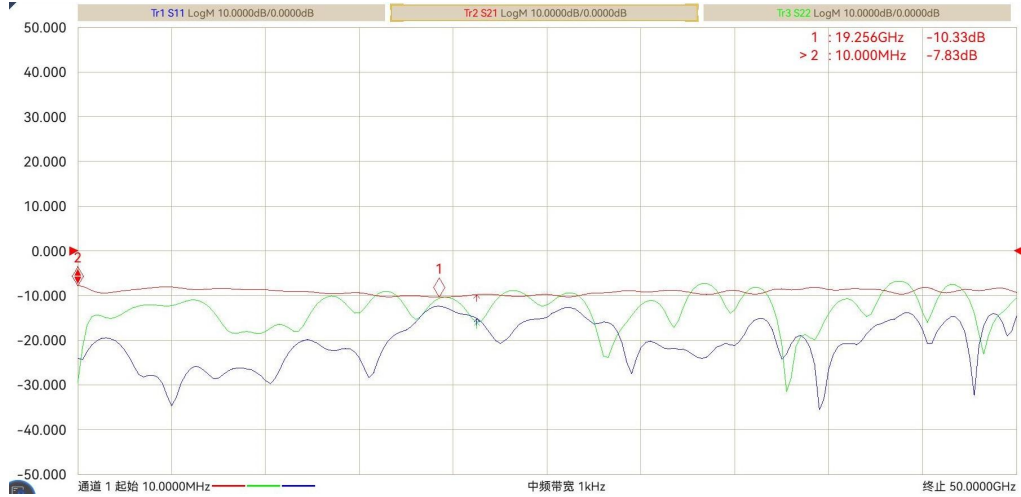


Single ended to differential

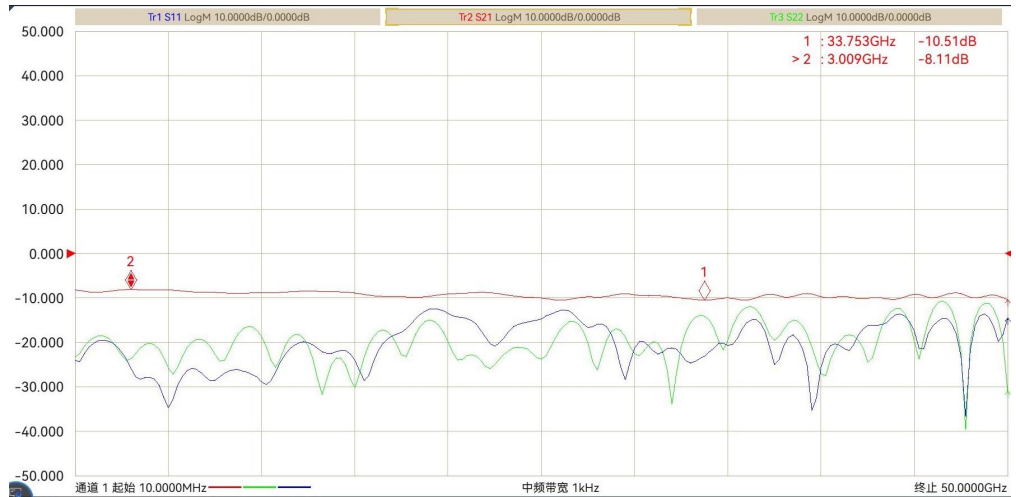
Dimensions are in mm

### Typical Performance

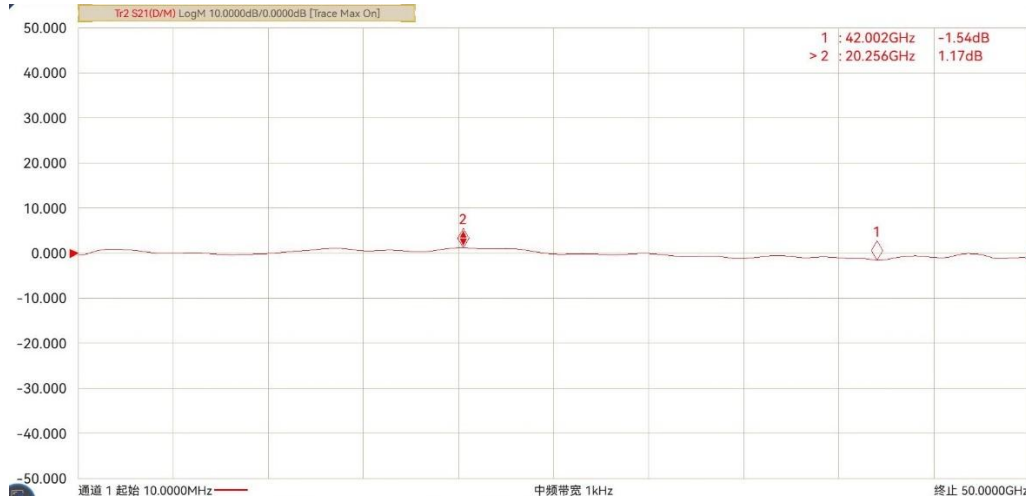
#### S21 Insertion Loss and Return Loss (dB)



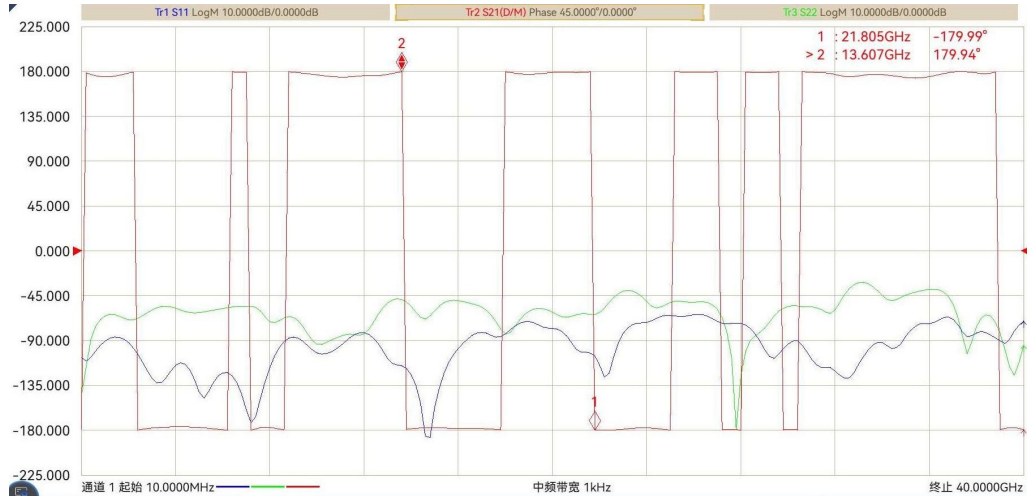
#### S31 Insertion Loss and Return Loss (dB)



#### Amplitude Balance (dB)



### Phase Balance (Degrees)



### Isolation (dB)

