

### Features

- Max input power 1W(CW)
- Low 1L,high isolation and good VSWR
- 50 Ω Impedance
- Operating temperature range:-55°C ~+85°C

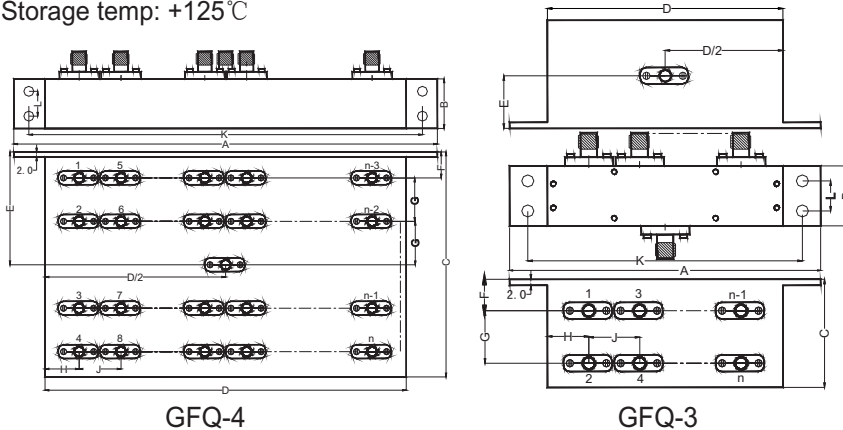
### Specifications (50 Ω, T<sub>A</sub>=-55°C ~+85°C)

Parameter	Freq. Range MHz	1L dB (Max)	Isolation dB (Min)	Phase Unbalance deg (Max)	Amplitude Unbalance dB (Max)	VSWR (Max)	Way
Part number							
PSM24-1-200	1~200	2.0	24 Δ	6°Δ	0.8	1.6:1	24
PSM24-10-500	10~500	3.0	20 Δ	14°Δ	1.0	1.6:1	
PSM32-1-200	1~200	2.2	24 Δ	8°Δ	0.8	1.6:1	32
PSM32-10-500	10~500	3.2	20 Δ	12°Δ	1.2	1.6:1	
PSM48-1-200	1~200	2.6	24 Δ	10°Δ	1.0	1.6:1	48
PSM48-10-500	10~500	4.0	18 Δ	16°Δ	1.5	1.6:1	

Note: Δ tested at 25°C

### Maximum Ratings

Input power: 1W  
Storage temp: +125°C



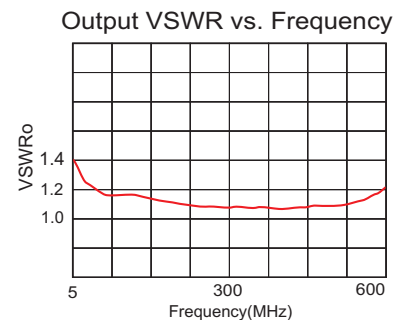
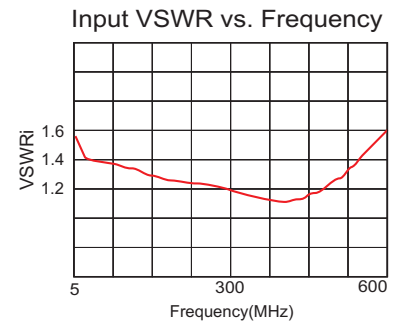
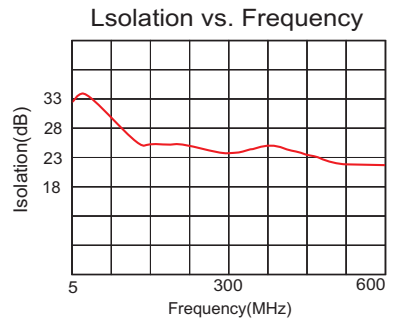
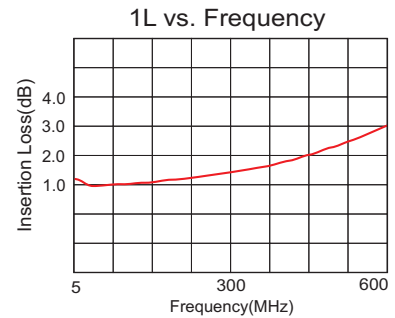
### Package information

PSM24 packaged in GFQ-3 PSM32/PSM48 packaged in GFQ-4.

### Dimension of two packages

Unit (mm)		A	B	C	D	E	F	G	H	J	K	L
24	GFQ-3	236.5	20	38.0	211.5	17.4	10.5	17.5	13.35	16.8	224.5	10
32	GFQ-4	170.0	20	90.6	145.0	45.5	10.5	17.5	13.70	16.8	158.0	10
48	GFQ-4	236.5	20	90.6	211.5	45.5	10.5	17.5	13.35	16.8	224.5	10

### Typical Performance (PSM32-10-500)



### Application notes

1. Input/output pins should be connected to 50 Ω microstrip.
2. GFQ-1 and GFQ-2 use M4.0 and M2.5 screw to fix respectively.
3. BNC connectors available for GFQ-1.