

**Features**

- Low insertion loss, High isolation
- Perfect phase/amplitude balance
- Low VSWR
- 50 Ω impedance
- Removable SMA connector
- Operating temperature range:-55°C ~+85°C

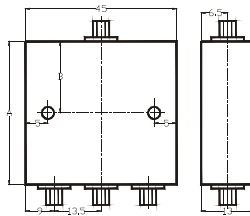
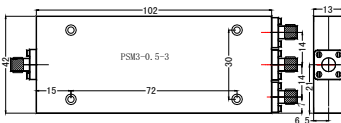
**Specifications**( measured in a 50 Ω system T<sub>A</sub>=-55°C ~+85°C)

Parameter number	Frequency Range GHz	Insertion loss (Max)	Isolation (Min)	Phase unbalance (Max)	Amplitude unbalance (Max)	VSWR (Max)	Package (mm)	
							A	B
<b>PSM3-0.5-3</b>	0.5~3	0.90	18△	5°△	0.5	1.6:1	—	—
<b>PSM3-1-2</b>	1~2	0.60	20△	3°△	0.3	1.4:1	54	27
<b>PSM3-2-4</b>	2~4	0.60	20△	3°△	0.3	1.4:1	42	21
<b>PSM3-3-6</b>	3~6	0.70	20△	4°△	0.4	1.5:1	30	15
<b>PSM3-4-8</b>	4~8	0.70	20△	4°△	0.4	1.5:1	30	

“△” Measured at T<sub>c</sub>=24±1°C

**Absolute Maximum Ratings**

Input Power: 5W  
Storage Temp: +125°C



**Application Notes**

1. Input/output pins should be connected to 50 Ω microstrip.
2. Removable SMA connector is available
3. When the input power is maximum the output load VSWR < 1.2 is required.

**Typical Performance**

