

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

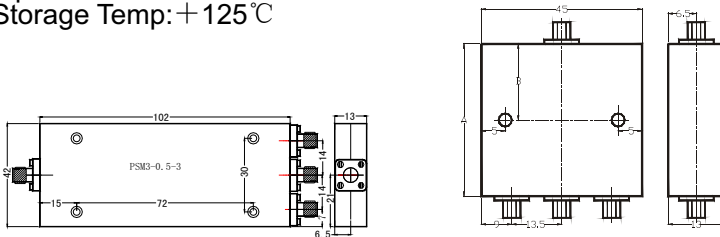
Specifications(measured in a 50 Ω system TA=-55°C ~ +85°C)

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

“△” Measured at Tc=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

