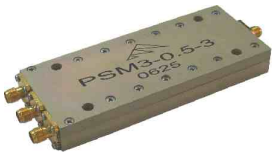
PSM3
3 ways 0° power combiner/divider



Features

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

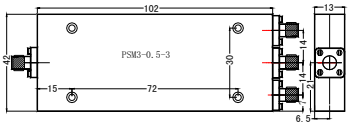
Specifications(measured in a 50Ω system T_A=-55℃～+85℃)

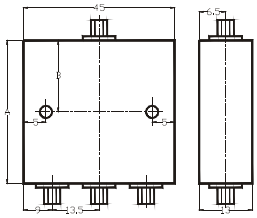
Parameter / number	Frequency Range GHz	Insertion loss (Max)	Isolation (Min)	Phase unbalance (Max)	Amplitude unbalance (Max)	VSWR (Max)	Package (mm) A	Package (mm) B
PSM3-0.5-3	0.5～3	0.90	18△	5°△	0.5	1.6:1	—	—
PSM3-1-2	1～2	0.60	20△	3°△	0.3	1.4:1	54	27
PSM3-2-4	2～4	0.60	20△	3°△	0.3	1.4:1	42	21
PSM3-3-6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

Absolute Maximum Ratings

Input Power: 5W
Storage Temp:+125℃

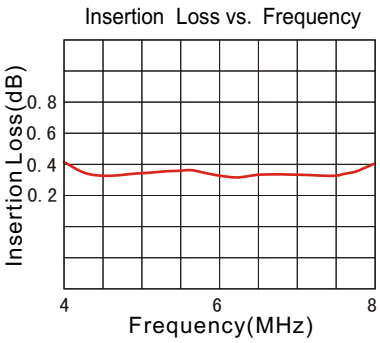


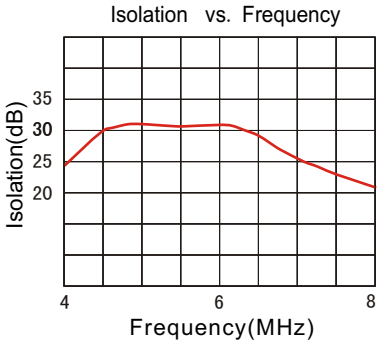


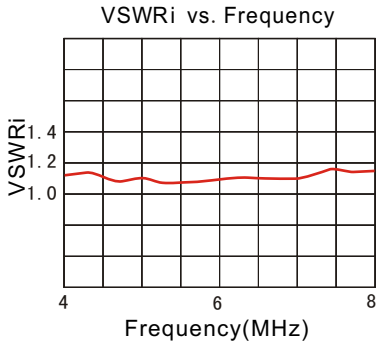
Application Notes

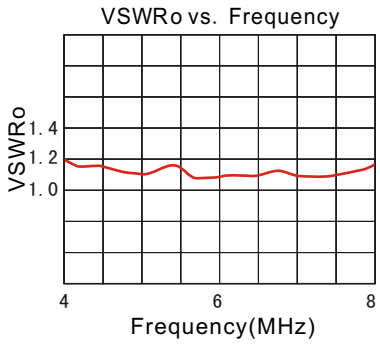
1. Input/output pins should be connected to 50Ω microstrip.
2. Removable SMA connector is available
3. When the input power is maximum the output load VSWR <1.2 is required.

Typical Performance









Downloaded from Elcodis.com electronic components distributor