



FEATURE:

- ◆ Stable performance and high reliability
- ◆ Satisfactory terminal port matching.
- ◆ High isolation.
- ◆ Low insertion loss.
- ◆ Small phase/amplitude errors.



APPLICATION:

In the microwave systems, power dividers will equally divide one channel signal into two-channel or multi-channel output signals and make the output signal of each channel keep very low amplitude error and phase error. When the power dividers are used as frequency synthesizers, they will synthesize multi-channel signals into one channel output in the manner of vector superposition. Typical application: microwave dividing systems, antenna signal feeding network, microwave power synthesis and microwave measurement, etc.

SPECIFICATIONS:

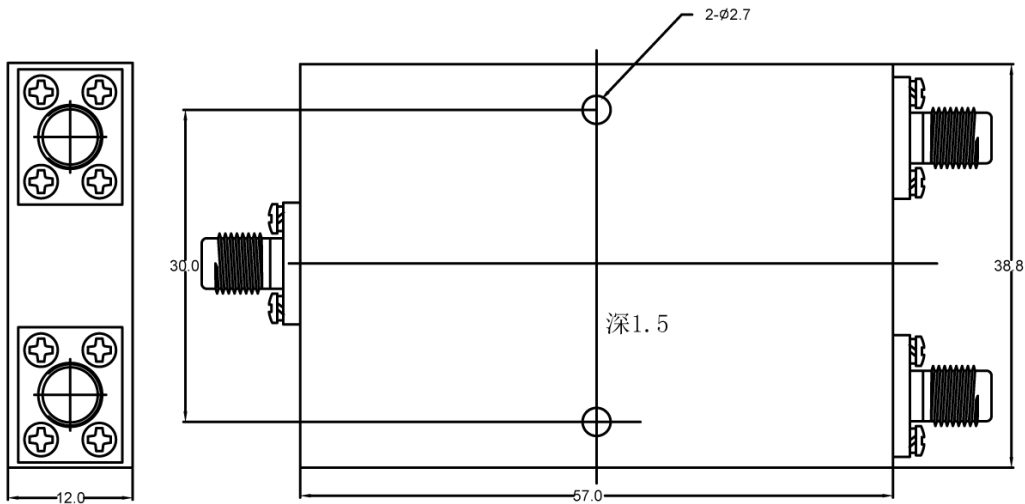
ITEMS	Parameters
Fre.	0.5~3GHz
IL (dB max)	<0.3dB
Isolation (dB min)	20dB (type 25dB)
VSWR max Input/Output	<1.3 1.25
Amplitude Balance(dB max)	0.2dB
Phase Balance(max)	3°
Connector	SMA—Female



ENVIRONMENTAL RATIIONS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-55		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity		95		%
Altitude	10000		30000	feet
Shock / Vibration(MIL-STD-810F)		Airborne		

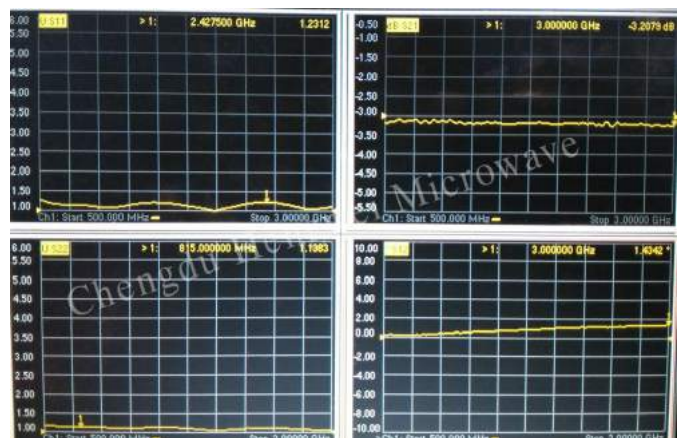
OUTLINE DRAWING(mm):



HWPD0530-2TEST CURVES:



PIC1: Isolation



PIC2: VSWR、IL、Phase Balance