

YS90H5-7-13-14-S

90° Hybrid Coupler, 5 W, 7-13 GHz, 14 dB Isolation, SMA

Key Features

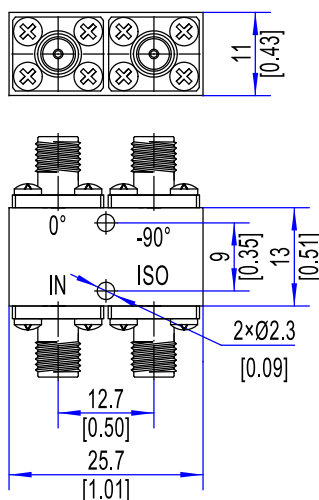
- Equal power split
- Quadrature (90°) output
- High port isolation
- Low insertion loss
- Excellent amplitude & phase balance

Applications

- IQ modulation & demodulation
- Balanced amplifiers
- Balanced mixers
- Phased array systems
- Test & measurement systems

Electrical Specifications		
1	Frequency Range	7-13 GHz
2	Insertion Loss	≤0.5 dB
3	VSWR	≤1.60:1
4	Isolation	≥14 dB
5	Amplitude Balance	≤±0.5 dB
6	Phase Balance	≤±5°
7	Power Handling	5 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	25.7×13×11 mm / [1.01×0.51×0.43 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.2 mm)



Note 1: Excluding Connector size