YSDDC80-2-8-45-S

Dual Directional Coupler, 80 W, 2-8 GHz, 45 dB coupling, SMA

Key Features

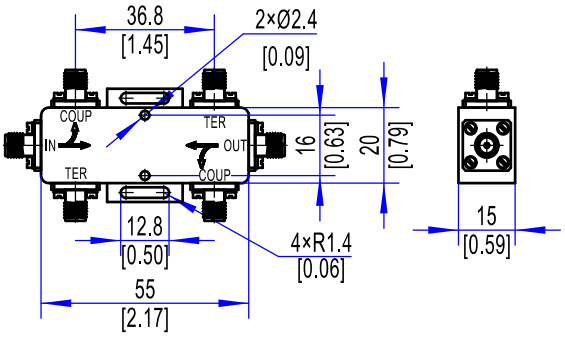
- Broadband 2–8 GHz operation
- High coupling accuracy: 45 dB ±1.0 dB
- Low insertion loss: ≤0.3 dB
- High power handling: 80 W (CW)
- Connector type: SMA Female

Applications

- RF power amplifier monitoring
- VSWR reflected power measurement
- Test & measurement setups
- Microwave system integration
- Lab & production testing

Electrical Specifications		
1	Frequency Range	2-8 GHz
2	Coupling	45 ±1.0 dB
3	Coupling Flatness	≤ ±0.6 dB
4	Insertion Loss	≤0.3 dB
5	Main Line VSWR	≤1.4:1
6	Directivity	≥12 dB
7	Power	80 W
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Dimensions[1]	55×20×15 mm / [2.17×0.79×0.59 in]

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connector size