

YSDC20-4-20-20-S

Directional Coupler, 20 W, 4-20 GHz, 20 dB coupling, SMA

Key Features

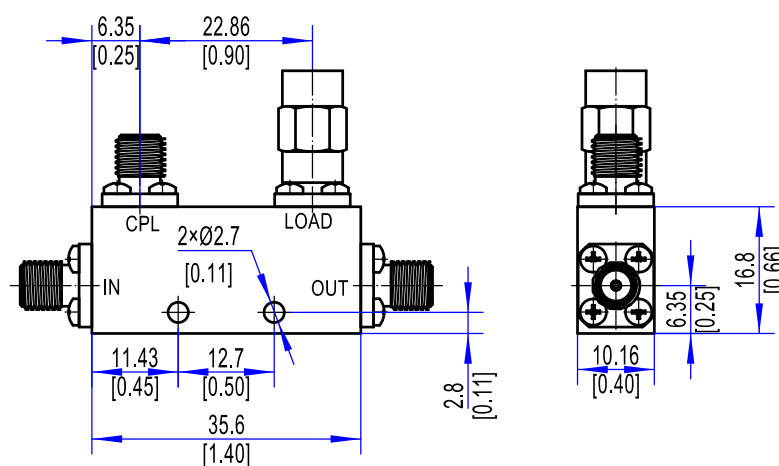
- 4–20 GHz ultra-wideband
- 20 dB stable coupling
- Compact and lightweight
- Low insertion loss
- Wide temperature range

Applications

- Broadband RF systems
- Signal sampling & monitoring
- Test & measurement
- Microwave subsystems
- Lab & R&D use

Electrical Specifications		
1	Frequency Range	4-20 GHz
2	Coupling	20 ±1.0 dB
3	Coupling Flatness	≤ ±1.0 dB
4	Insertion Loss	≤0.6 dB(Coupling loss not included)
5	Main Line VSWR	≤1.6:1
6	Directivity	≥10 dB
7	Power	20 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Dimensions ¹	35.6×16.8×10.16 mm / [1.4×0.66×0.40 in]

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



Note 1: Excluding Connector size