

YSDDC80-6-18-35-S

Dual Directional Coupler, 80 W, 6-18 GHz, 35 dB coupling, SMA

Key Features

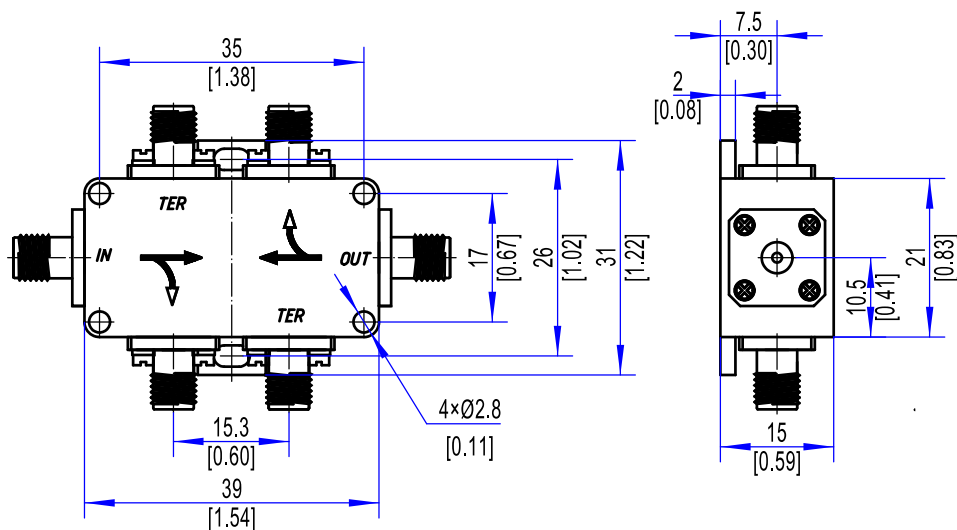
- Broadband 6–18 GHz operation
- High coupling accuracy: 35 dB \pm 1.0 dB
- Low insertion loss: \leq 0.5 dB
- High power handling: 80 W (CW)
- Connector type: SMA Female

Applications

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

Electrical Specifications		
1	Frequency Range	6-18 GHz
2	Coupling	35 \pm 1.0 dB
3	Coupling Flatness	$\leq \pm$ 0.75 dB
4	Insertion Loss	\leq 0.5 dB
5	Main Line VSWR	\leq 1.5:1
6	Secondary Line VSWR	\leq 1.7:1
7	Directivity	\geq 10 dB
8	Power	80 W
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	39×31×15 mm / [1.54×1.22×0.59 in]

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



Note 1: Excluding Connector size