

# YSDDC200-130K-R3-40-S

Dual Directional Coupler, 200 W, 130 KHz-0.3 GHz, 40 dB coupling, SMA

## Key Features

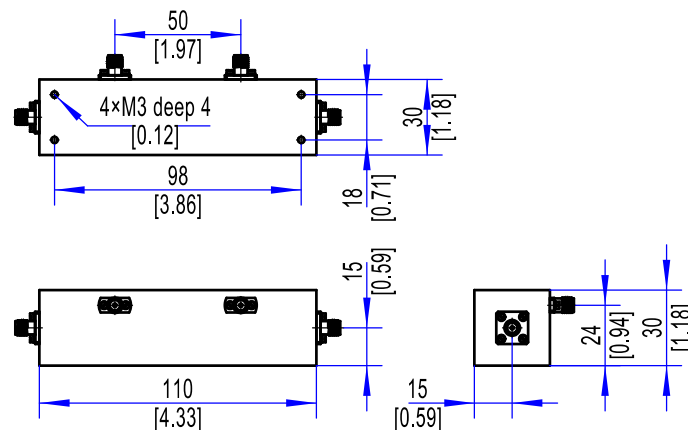
- Frequency Range from 130 kHz to 0.3 GHz
- High power handling up to 200 W CW
- Tight coupling tolerance ( $\pm 1.0$  dB)
- Excellent coupling flatness ( $\pm 0.5$  dB)
- Low insertion loss and good VSWR

## Applications

- Forward & reflected power monitoring
- HF/VHF communication systems
- RF test & measurement setups
- Transmitter protection and diagnostics
- Signal sampling in broadband systems

Electrical Specifications		
1	Frequency Range	130 KHz-0.3 GHz
2	Coupling	40 $\pm$ 1.0 dB
3	Coupling Flatness	$\leq \pm 0.5$ dB
4	Insertion Loss	$\leq 0.25$ dB
5	Main Line VSWR	$\leq 1.20:1$
6	Secondary Line VSWR	$\leq 1.30:1$
7	Directivity	$\geq 20$ dB
8	Power	200 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 <sup>1</sup>	110×30×30 mm / [4.33×1.18×1.18 in]

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



Note 1: Excluding Connector size