

YS4GPC1500-1R25-1R35-7

4-Way Gysel Power Combiner, 1.5 kW, 1.25-1.35 GHz, 7/16 DIN

Key Features

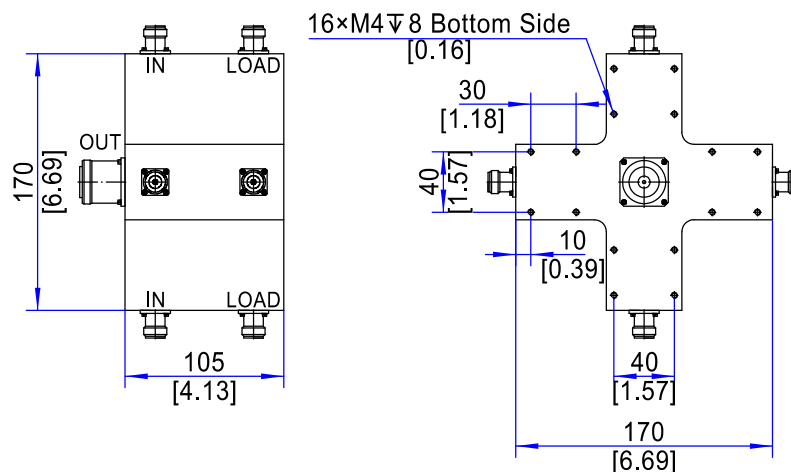
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

- RF power amplifier combining
- Wireless infrastructure
- SATCOM systems
- Radar transmitters
- RF test systems

Electrical Specifications		
1	Frequency Range	1.25-1.35 GHz
2	Insertion Loss	≤ 0.4 dB
3	VSWR	$\leq 1.30:1$
4	Isolation	≥ 16 dB
5	Amplitude Balance	$\leq \pm 0.2$ dB
6	Phase Balance	$\leq \pm 3^\circ$
7	Input Power	350 W(CW), 3.5 kW(PK), 10% Duty Cycle
8	Output Power	1500 W(CW), 15 kW(PK), 10% Duty Cycle
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Common Port: 7/16 DIN Female Branch Ports: N-Type Female
2	Surface Finishing	Black (RAL 9005) Powder Coat
3	Dimensions ¹	170×170×105 mm / [6.69×6.69×4.13 in]

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



Note 1: Excluding Connectors