



The hybrid coupler is a microstrip version of the waveguide magic tee. The Out of Phase Divider permits to feed two antennas with opposite phase (Output 1 and 2).

SPECIFICATIONS

Electrical

- Frequency : 2100- 2500 MHz
- Port impedance : 50 ohms
- VSWR: : ≤ 1.5
- Insertion loss: : $\leq 0,2$ dB
- Amplitude balance : $\leq 0,5$ dB
- Phase balance : $\leq 5^\circ$
- Power : 100 W
- Isolation : ≥ 28 dB

Mechanical

- Mass : ≤ 150 g
- Connectors : SMA female
- Module dimensions : 71 mm x 25,5 mm x 13,5 mm (connectors and mounting pads not includes)

Environmental

- Temperature : $- 60^\circ\text{C}, + 150^\circ\text{C}$
- Vibration : 20 g on three axis

