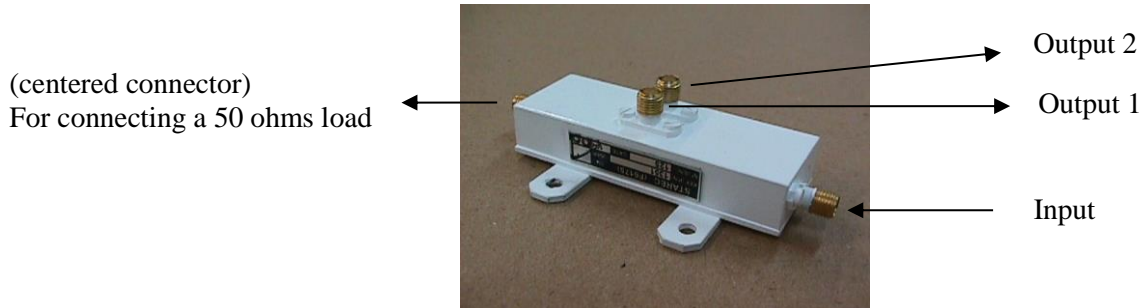


S band OUT OF PHASE (180°) POWER DIVIDER (Coupler) ref. 5012-86-22
(previously 1351) from COBHAM company



The hybrid coupler is a microstrip version of the waveguide magic tee. The Out of Phase Divider allows feeding two antennas with opposite phase (Output 1 and 2) used on board fighter aircrafts.

SPECIFICATIONS

Electrical

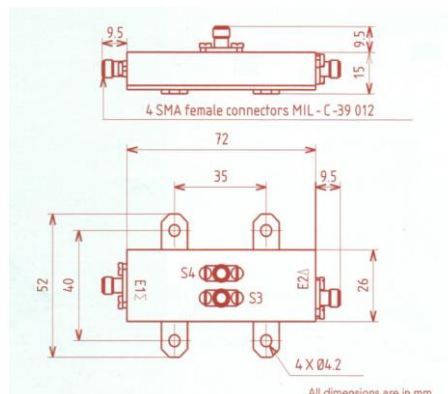
- Frequency : 2100- 2500 MHz
- Port impedance : 50 ohms
- VSWR: : ≤ 1.5
- Insertion loss: : $\leq 0,2$ dB
- Amplitude balance : $\leq 0,5$ dB
- Phase balance : $\leq 5^\circ$
- Power : 100 W
- Isolation : ≥ 28 dB

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°C, + 150°C
- Vibration : 20 g on three axis



**Specifications subject to change without notice*