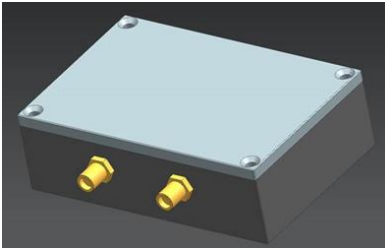


FTS ZS99C-62-SPLUS-01 – Power Splitter/Combiner for flight termination system



General description:

The Splitter/Combiner is mainly used to combine the signals of two flight antennas to the input of one flight termination receiver in a flying object, matched to the used RF frequency for optimized loss and less distortion.

Features:

- Bandwidth: matched to used RF frequency (has to be defined with order)
- High isolation: typical 25 dB within the range of 300 to 500 MHz
- Amplitude unbalance: less than 0.1 dB
- Phase unbalance: less than 0.2 deg.
- VSWR: better than 1.2 within the range of 300 to 500 MHz
- Housing: Light weight, rugged, shielded, anodized AlumeI housing

Maximum ratings:

- Operating temperature: - 55 to +100 °C
- Storage temperature: - 55 to +100 °C
- Maximum altitude: 50000 m
- Power input (as splitter): 3 W max.
- Internal dissipation: 0.15 W max.

COAX connections:

Sum port and single ports: SMA

Mechanical dimensions:

