**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 Alumel 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:**

![Mechanical dimensions diagram](image-url)