

# GPS 3 Way Power Splitter

## JTD-PS3-GPS/P-SFI

- 3 Way Passive GPS/GNSS Splitter
- SMA-Female
- 1000 to 2000 MHz
- 200 Resistors
- High Isolated

### Description:

The 3 Way Passive GPS/GNSS Splitter (JTD-PS3-GPS/P-SFI) is a one input, three outputs passive splitter based on the Wilkinson splitter design. The frequency response covers the entire L-band (all GNSS Frequencies). Each DC blocked output is loaded with a 200Ω resistor to simulate the antenna current draw to prevent false antenna alarm faults.

Electrical Specifications	
Frequency Range	1.0~2.0GHz/1000~2000MHz
Insertion Loss	≤ 0.6dB ( Excluding theoretical loss 4.8 dB )
Input Port VSWR	≤ 1.20:1
Output Port VSWR	≤ 1.25:1
Amplitude Balance	±0.2dB
Phase Balance	±3°
Isolation	≥ 22dB
DC Through Current	1000mA ( DC PASS ) ; 75 mA ( DC BLOCK )
DC Through Voltage	50V ( DC PASS ) ; 15V ( DC BLOCK )
Operation Temperature	-35°C ~ +75°C
Connector Type	SMA Female
Surface Finishing	Sandblasting natural color conductive oxide



Outline Dimensions (mm)

