

SPECIFICATION SHEET
JFW MODEL 50PDA-261-XX
POWER DIVIDER ASSEMBLY

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Configuration Panel mounted 4-Way power divider/combiner
 (divider ports are front facing)
 (combiner ports are rear facing)

Number of 4-Way's The number of 4-Way can be selected from 1 to 8

50PDA-261-02 SMA (two 4-Way)
 50PDA-261-04 SMA (four 4-Way)
 50PDA-261-06 SMA (six 4-Way)
 50PDA-261-08 SMA (eight 4-Way)

Panel Type 19 inch rack mount @ 1RU high

Frequency Range 698-3000 MHz

Impedance 50 Ohms nominal

VSWR 1.5:1 maximum

Insertion Loss (above 6 dB split) 1.2 dB maximum
 0.21 dB typical @ 698 MHz
 0.65 dB typical @ 3000 MHz

Amplitude Tracking ± 0.7 dB maximum
 < 0.1 dB typical

Phase Tracking ± 8° maximum
 < 3° typical

Isolation 18 dB minimum
 > 22 dB typical

RF Input Power 5 Watts average (divider port)
 0.25 Watts average (combiner ports)

Temperature Range -40°C to +85°C (operating)
 -55°C to +125°C (storage)

RF Connector SMA female

Outline Drawing Numbers 092-10364-02 (50PDA-261-02 SMA)
 092-10364-03 (50PDA-261-03 SMA)
 092-10364-04 (50PDA-261-04 SMA)
 092-10364-06 (50PDA-261-06 SMA)
 092-10364-08 (50PDA-261-08 SMA)

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