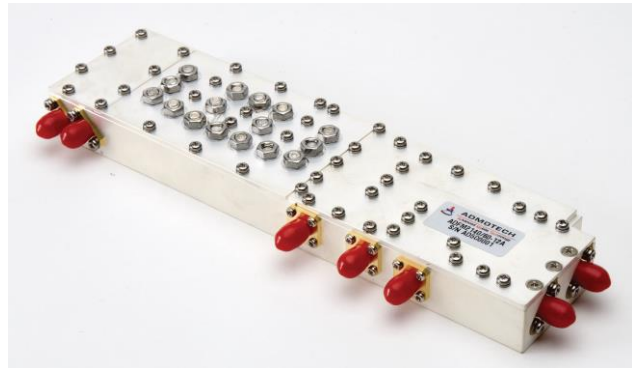


### Features

- Very Compact Size Cavity Delay Filter for PCS
- Very low insertion loss (typical 1.1 dB)
- Very low Passive IM characteristic  
( 80dBc Max. with 20 W two tone test )



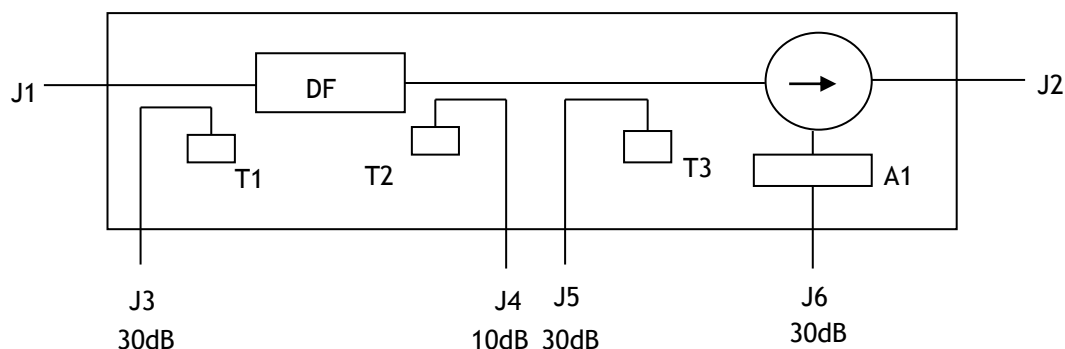
### Technical Characteristics

Frequency band	1820 MHz ~ 1880 MHz
Bandwidth	60 MHz
Insertion Loss	1.1 dB <sub>typ.</sub>
Input to Output Delay	13.5 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.0° p-p Max. over whole 60MHz Bandwidth
Return Loss, all ports	20 dB <sub>min.</sub>
Continuous Average Power	100 W <sub>max.</sub>
Third Order IMD	-80 dBc Max.
Dimension	200 mm * 53 mm * 25mm

### Port Transmission Characteristics

J1 to J3	30 dB ± 1.0 dB
J4 to J2	10 dB ± 1.0 dB
J1 to J5	30 dB ± 1.0 dB
J2 to J6	30 dB ± 1.0 dB
J3 to J2	48 dB Min.
J1 to J4	30 dB Min.
J5 to J2	45 dB Min.

### Block diagram



### Environmental

Operating temperature range	-30 to + 85 °C
-----------------------------	----------------

## Typical Response

