

Features

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



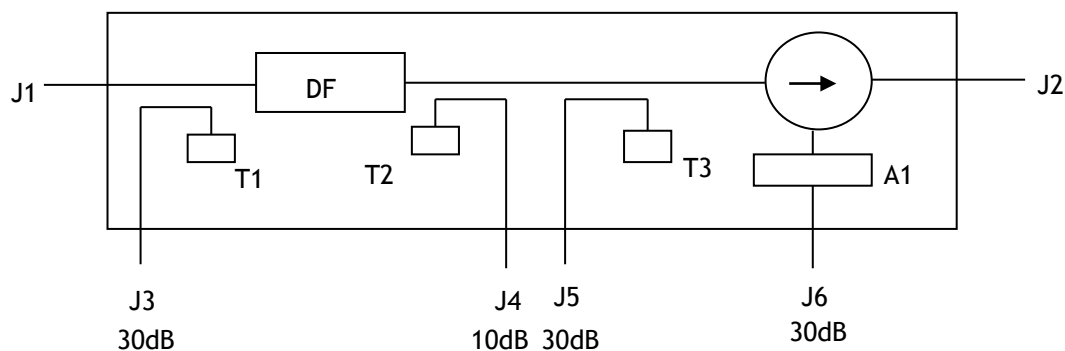
Technical Characteristics

Frequency band	2100 MHz ~ 2180 MHz
Bandwidth	80 MHz
Insertion Loss	1.1 dB _{typ.}
Input to Output Delay	12.5 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.0° p-p Max. over whole 80MHz Bandwidth
Return Loss, all ports	20 dB _{min.}
Continuous Average Power	100 W _{max.}
Third Order IMD	-80 dBc Max.
Dimension	181 mm * 50 mm * 23mm

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

