

Features

- Very Compact Size Cavity Delay Filter for WiMax
- Very low insertion loss(typical 1.2dB)
- Very low Passive IM characteristic
(80dBc Max. with 20 W two tone test)



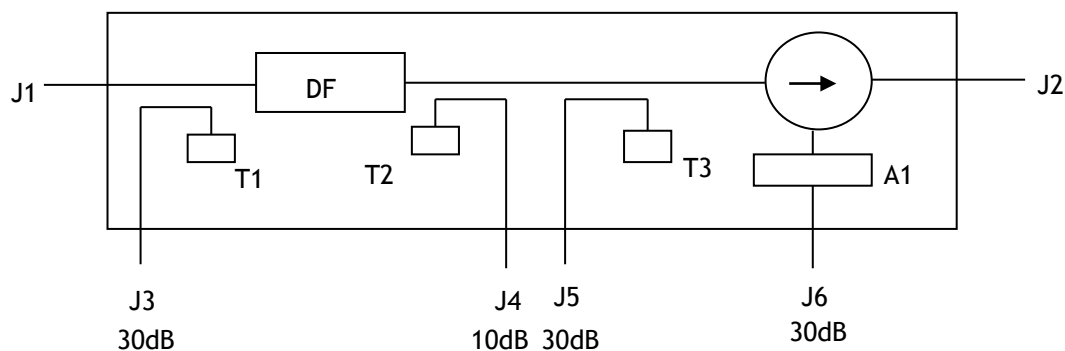
Technical Characteristics

Frequency band	2500 MHz ~ 2700 MHz
Bandwidth	200 MHz
Insertion Loss	1.2 dB _{typ.}
Input to Output Delay	11.5 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.5° p-p Max. over whole 200MHz Bandwidth
Return Loss, all ports	20 dB _{min.}
Continuous Average Power	100 W _{max.}
Third Order IMD	-80 dBc Max.
Dimension	222 mm * 64 mm * 25 mm

Port Transmission Characteristics

J1 to J3	30 dB ± 0.5 dB
J4 to J2	10 dB ± 0.5 dB
J1 to J5	30 dB ± 0.5 dB
J2 to J6	30 dB ± 0.5 dB
J3 to J2	50 dB Min.
J1 to J4	30 dB Min.
J5 to J2	50 dB Min.

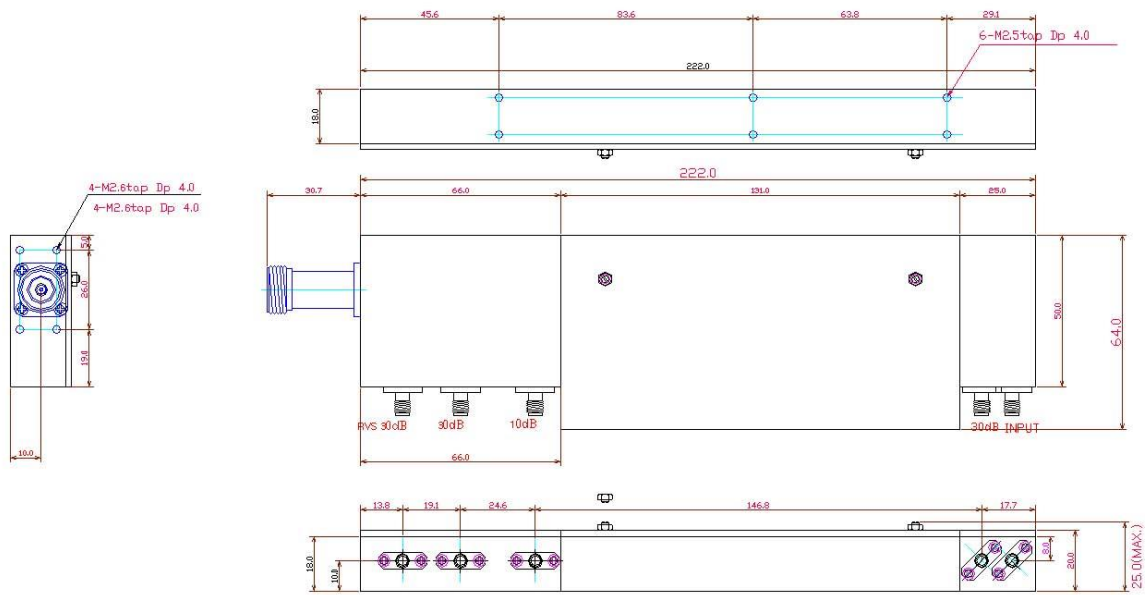
Block diagram



Environmental

Operating temperature range -30 to + 85 °C

Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

Typical Response

