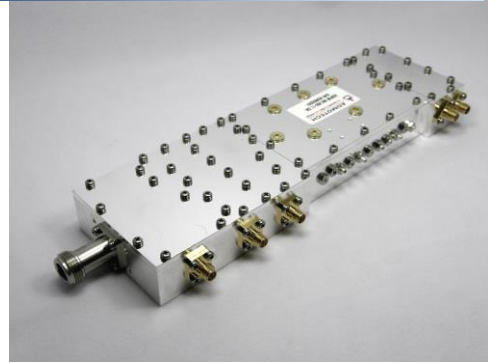


### Features

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



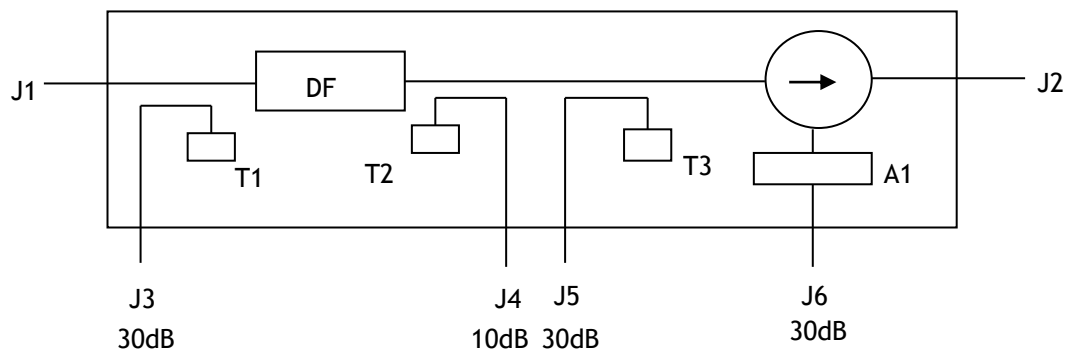
### Technical Characteristics

Frequency band	925 MHz - 965 MHz
Bandwidth	40 MHz
Insertion Loss	1.1dB <sub>typ.</sub>
Input to Output Delay	17.0 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.0° p-p Max. over whole 40MHz Bandwidth
Return Loss, all ports	20 dB <sub>min.</sub>
Continuous Average Power	150 W <sub>max.</sub>
Third Order IMD	-80 dBc Max.
Dimension	230 mm * 66 mm * 23mm

### 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.

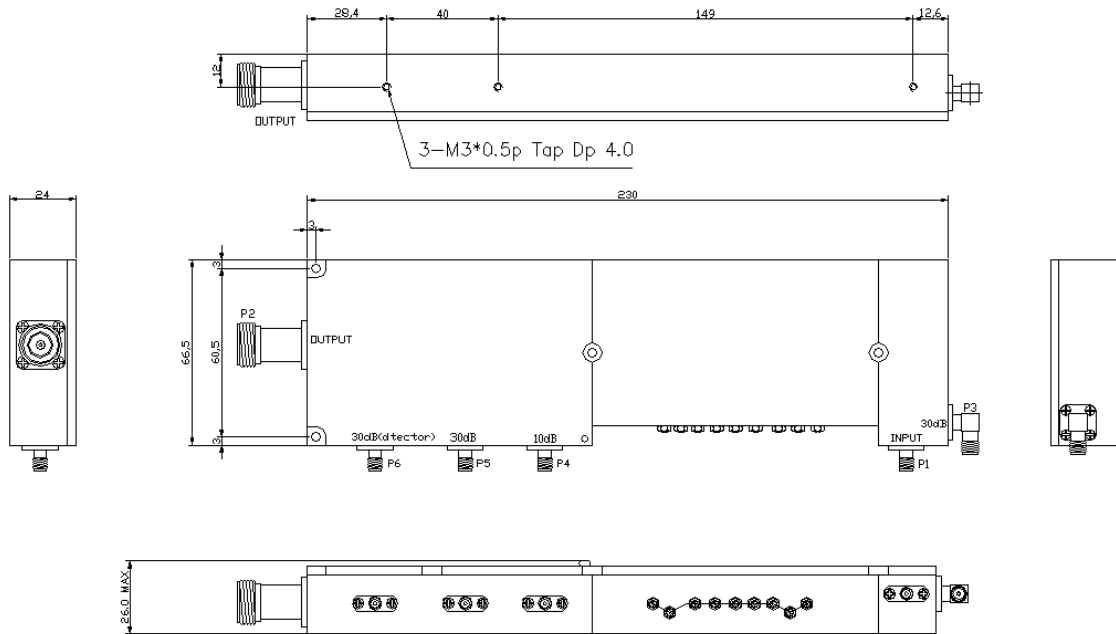
### Block diagram



### Environmental

Operating temperature range -30 to + 85 °C

# Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

# Typical Response

