

Features

- Very Compact Size Cavity Delay Filter for USPCS
- Very low insertion loss (typical 1.1 dB)
- Max. 300W CW power capability



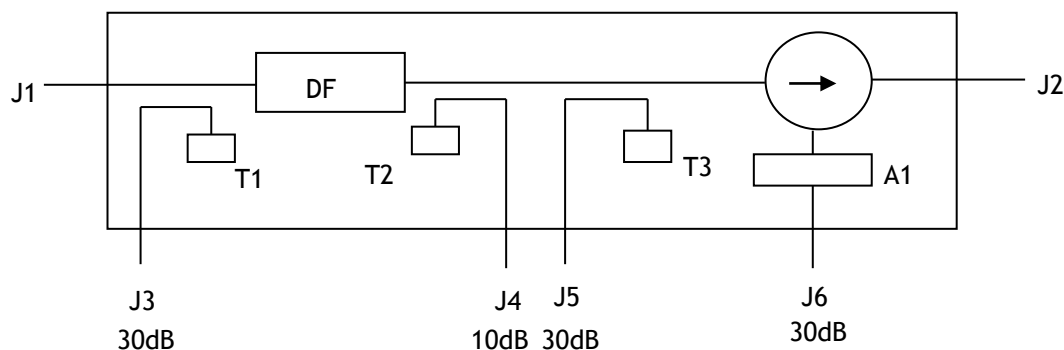
Technical Characteristics

Frequency band	1,902 MHz ~ 2,022 MHz
Bandwidth	120 MHz
Insertion Loss	1.1 dB _{typ.}
Input to Output Delay	13.0 nS
Passband Delay Flatness	± 0.1 nS
Passband Phase Linearity	1.0° p-p Max. over whole 120MHz Bandwidth
Return Loss, all ports	20 dB _{min.}
Continuous Average Power	300 W _{max.}
Third Order IMD	-80 dBc Max.
Dimension	220 mm * 68 mm * 30 mm

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	50 dB Min.
J1 to J4	30 dB Min.
J5 to J2	50 dB Min.

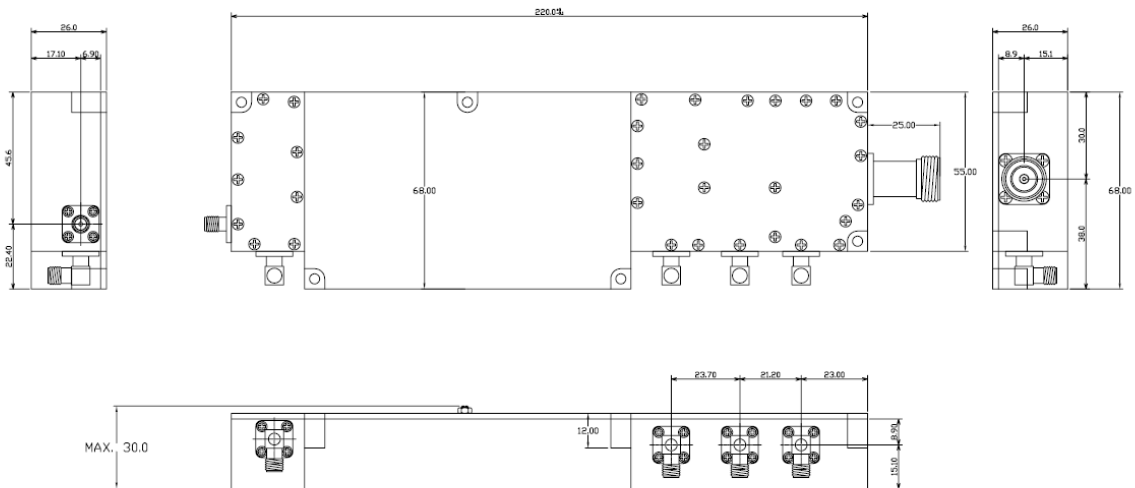
Block diagram



Environmental

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



Units : mm, Tolerance : +/- 0.2 mm

Typical Response

