



Low insertion loss

Low PIM

## Band pass 3470 - 3670 MHz

Product number: ZEN - 500 - 100 - 07

Band pass 3470 - 3670 MHz	Frequency Range [MHz]	Requirement
Passband	3470 - 3670	
Return Loss	3470 - 3670	> 18 dB
Insertion Loss (RMS average) 5MHz bottom	3470 - 3475	< 0.75 dB
Insertion Loss (RMS average) Mid band	3475 - 3665	< 0.70 dB
Insertion Loss (RMS average) 5MHz top	3665 - 3670	< 1.00 dB
Group Delay	3470 - 3670	< 40 ns
Group Delay Variation Over any 5 MHz channel	3470 - 3670	< 8 ns
Rejection	30 - 2860 MHz	> 65 dB
Rejection	2860 - 3410 MHz	> 30 dB
Rejection	3410 - 3430 MHz	> 20 dB
Pass band	3470-3670 MHz	N/A
Rejection	3700 -3730 MHz	> 30 dB
Rejection	3730 - 4200 MHz	> 40 dB
Rejection	4200 - 4400 MHz	> 60 dB
Rejection	4400 - 7340 MHz	> 40 dB
Rejection	7340 - 10410 MHz	> 30 dB
Rejection	10410 - 12750 MHz	> 20 dB
Power	Average	max 200 W (53 dBm)
	Peak	max 2000 W (63 dBm)
Passive Intermodulation	2 x 43 dBm	< - 120 dBm ( < - 163 dBc )
<b>Mechanical</b>		
Dimensions	201 x 69 x 36 (excluding connectors)	
Connectors	4.3-10 (f)	
<b>Environmental</b>		
Temperature range	-40 °C to +85 °C	
Ingress Protection	IP63	
Altitude	3000 m	

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