



Low insertion loss

Low PIM

Band pass 3300 - 3670 MHz

Product number: ZEN – 500 – 100 – 05

Band pass 3300 – 3670 MHz	Frequency Range [MHz]	Requirement
Passband	3300 – 3670	
Return Loss	3300 – 3670	> 18 dB
Insertion Loss (RMS average) 5MHz bottom	3300 – 3305	< 0.85 dB
Insertion Loss (RMS average) Mid band	3305 – 3665	< 0.60 dB
Insertion Loss (RMS average) 5MHz top	3665 – 3670	< 0.90 dB
Group Delay	3300 – 3670	< 40 ns
Group Delay Variation Over any 5 MHz channel	3300 – 3670	< 8 ns
Rejection	30 – 2890	> 70 dB
Rejection	2890 – 3240	> 30 dB
Rejection	3240 – 3260	> 20 dB
Pass band	3470–3670	N/A
Rejection	3700 –3730	> 30 dB
Rejection	3730 – 4200	> 40 dB
Rejection	4200 – 4400	> 60 dB
Rejection	4400 – 7340	> 40 dB
Rejection	7340 – 11010	> 30 dB
Rejection	11010 – 12750	> 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)
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Mechanical

Dimensions	201 x 69 x 36 (excluding connectors)
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Connectors	4.3-10 (f)
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Environmental

Temperature range	-40 °C to +85 °C
Ingress Protection	IP63
Altitude	3000 m

