



Low insertion loss
High near-band attenuation

Band pass B100 919.4-925 MHz

Product number: ZEN – 500 – 100 – 39

Band pass 919.4 – 925 MHz	Frequency Range [MHz]	Requirement
Passband	919.4 – 925	
Return Loss	919.4 – 925	> 14 dB
Insertion Loss Max	919.4 – 925	< 1.5 dB
Rejection	9 kHz – 915	> 70 dB
Rejection	930 – 1400	> 70 dB

Passive Intermodulation	2 x 43 dBm	< - 105 dBm < - 148 dBc
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Power handling	
Average	max 50 W (47 dBm)
Peak	max 200 W (53 dBm)

Mechanical	
Dimensions	368 x 159 x 65 mm (excluding connectors) 430 x 159 x 65 mm (including connectors)
Connectors	4.3-10 (f)

Environmental	
Temperature range	+18 °C to +40 °C
Ingress Protection	IP63
Altitude	3000 m

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