



Low insertion loss

Low PIM

High rejection between bands

B1 Duplex

Product number: ZEN – 500 – 200 – 01

Receive (RX)	Frequency Range [MHz]	Requirement
Passband	1920-1980	
Return Loss	1920-1980	> 20 dB
Insertion Loss Max	1920-1980	< 0.7 dB
Rejection	2110 - 2170	> 95 dB

Transmit (TX)	Frequency Range [MHz]	Requirement
Passband	2110 - 2170	
Return Loss	2110 - 2170	> 20 dB
Insertion Loss Max	2110 - 2170	< 0.7 dB
Rejection	1920-1980	> 95 dB

Power	Average	max 100 W (50 dBm)
	Peak	max 4000 W (66 dBm)

Passive Intermodulation	2 x 43 dBm	< - 120 dBm (< - 163 dBc)
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Mechanical		
Dimensions	153 x 153 x 45 mm	
Connectors	4.3-10 (f)	

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



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