



Low insertion loss

Low PIM

Duplex 4400-4500 / 4800-5000 MHz

Product number: ZEN – 500 – 200 – 23

Low band	Frequency Range [MHz]	Requirement
Passband	4400 – 4500	
Return Loss	4400 – 4500	> 18 dB
Insertion Loss Max	4400 – 4500	< 0.7 dB
Rejection	4800 – 5000	> 100 dB

High band	Frequency Range [MHz]	Requirement
Passband	4800 – 5000	
Return Loss	4800 – 5000	> 18 dB
Insertion Loss 10 MHz Max	4800 – 5000	< 0.6 dB
Rejection	4400 – 4500	> 100 dB

Power	Average	Max 40 W (46 dBm)
	Peak	Max 1000 W (60 dBm)

Mechanical		
Dimensions	171 x 123 x 28 mm (excluding connectors) 234 x 123 x 28 mm (including connectors)	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	-10 °C to +85 °C	
Ingress Protection	IP63	
Altitude	3000 m	

Passive Intermodulation (PIM)	2 x 43 dBm	< - 120 dBm (< - 163 dBc)
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