



Low insertion loss

Low PIM

Outdoor diplexer – B1 and B3

Product number: ZEN – 500 – 200 – 18

Band B1	Frequency Range [MHz]	Requirement
Passband	1920 – 2170	
Return Loss	1920 – 2170	> 18 dB
Insertion Loss Max	1920 – 2170	< 0.6 dB
Rejection	1710 – 1880	> 52 dB

Band B3	Frequency Range [MHz]	Requirement
Passband	1710 – 1880	
Return Loss	1710 – 1880	> 18 dB
Insertion Loss Max	1710 – 1880	< 0.6 dB
Rejection	1920 – 2170	> 52 dB

Power	Average	Max 200 W (53 dBm)
	Peak	Max 4000 W (66 dBm)

Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc
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DC by-pass	B1 or B3 port	Max 1A
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Mechanical		
Dimensions	141 x 176 x 50 mm (excluding connectors)	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	-40 °C to +85 °C	
Ingress Protection	IP67	
Relative humidity	5 – 100 %	

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