



Low insertion loss

Low PIM

Outdoor diplexer – B1-B2-B3 and B7

Product number: ZEN – 500 – 200 – 19

Band B1-B2-B3	Frequency Range [MHz]	Requirement
Passband	1710 – 2200	
Return Loss	1710 – 2200	> 18 dB
Insertion Loss Max	1710 – 2200	< 0.4 dB
Rejection	2490 – 2700	> 75 dB

Band B7	Frequency Range [MHz]	Requirement
Passband	2490 – 2700	
Return Loss	2490 – 2700	> 18 dB
Insertion Loss Max	2490 – 2700	< 0.5 dB
Rejection	1710 – 2200	> 75 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-B2-B3 or B7 port	Max 1A
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Mechanical		
Dimensions	131 x 166 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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