



Low insertion loss

High rejection

Low PIM

Duplex B22 3410-3490 / 3510-3590 MHz

Product number: ZEN – 500 – 200 – 29

RX	Frequency Range [MHz]	Requirement
Passband	3410 – 3490	
Return Loss	3410 – 3490	> 18 dB
Insertion Loss 10 MHz average	3410 – 3490	< 1.2 dB
Rejection	3510 – 3590	> 75 dB

TX	Frequency Range [MHz]	Requirement
Passband	3510 – 3590	
Return Loss	3510 – 3590	> 18 dB
Insertion Loss 10 MHz average	3510 – 3590	< 1.7 dB
Rejection	3410 – 3490	> 100 dB

Power	Average	Max 80 W (49 dBm)
	Peak	Max 2000 W (63 dBm)

Mechanical		
Dimensions	211 x 140 x 30 mm (excluding connectors) 273 x 140 x 30 mm (including connectors)	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	-20 °C to +85 °C	
Ingress Protection	IP63	
Altitude	3000 m	

Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc
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