



High rejection
Low insertion loss
Low PIM

Duplex B68 698-728 / 753-783 MHz

Product number: ZEN – 500 – 200 – 35

RX	Frequency Range [MHz]	Requirement
Passband	698 – 728	
Return Loss	698 – 728	> 18 dB
Insertion Loss Max	698 – 728	< 0.8 dB
Rejection	753 – 783	> 75 dB

TX	Frequency Range [MHz]	Requirement
Passband	753 – 783	
Return Loss	753 – 783	> 18 dB
Insertion Loss Max	753 – 783	< 1.2 dB
Rejection	698 – 728	> 100 dB

Power	Average	Max 50 W (47 dBm)
	Peak	Max 1000 W (60 dBm)

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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Mechanical	
Dimensions	172 x 163 x 54 mm (excluding connectors) 234 x 163 x 54 mm (including connectors)
Connectors	4.3-10 (f)



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