



High rejection  
Low insertion loss

## Duplex B31 452.5-457.5 / 462.5-467.5 MHz

Product number: ZEN – 500 – 200 – 34

RX	Frequency Range [MHz]	Requirement
Passband	452.5 – 457.5	
Return Loss	452.5 – 457.5	> 18 dB
Insertion Loss Max	452.5 – 457.5	< 1.8 dB
Rejection	462.5 – 467.5	> 70 dB

TX	Frequency Range [MHz]	Requirement
Passband	462.5 – 467.5	
Return Loss	462.5 – 467.5	> 18 dB
Insertion Loss Max	462.5 – 467.5	< 2.4 dB
Rejection	452.5 – 457.5	> 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

Mechanical	
Dimensions	192 x 182 x 78 mm (excluding connectors) 254 x 182 x 78 mm (including connectors)
Connectors	4.3-10 (f)

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