



Low insertion loss  
Small size

## C-band Diplex 5100 - 5110 / 5140 - 5150 MHz

Product number: ZEN - 500 - 200 - 10

Receive (RX)	Frequency Range [MHz]	Requirement
Passband	5100 - 5110	
Return Loss	5100 - 5110	> 18 dB
Insertion Loss	5100 - 5110	< 1.5 dB
Rejection	5140 - 5150	> 72 dB

Transmit (TX)	Frequency Range [MHz]	Requirement
Passband	5140 - 5150	
Return Loss	5140 - 5150	> 18 dB
Insertion Loss	5140 - 5150	< 1.0 dB
Rejection	5100 - 5110	> 72 dB

Power	Average	max 20 W (43 dBm)
	Peak	max 100 W (50 dBm)

### Mechanical

Dimensions	129 x 100 x 20 mm (excluding connectors)
Connectors	SMA (f)

### Environmental

Temperature range	-20 °C to +75 °C
Ingress Protection	IP63
Altitude	3000 m

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