



Low insertion loss

High rejection

Low PIM

## Duplex B12 699-716 / 729-746 MHz

Product number: ZEN – 500 – 200 – 28

RX	Frequency Range [MHz]	Requirement
Passband	699 – 716	
Return Loss	699 – 716	> 18 dB
Insertion Loss Max	699 – 716	< 1.1 dB
Rejection	729 – 746	> 80 dB

TX	Frequency Range [MHz]	Requirement
Passband	729 – 746	
Return Loss	729 – 746	> 18 dB
Insertion Loss Max	729 – 746	< 1.3 dB
Rejection	699 – 716	> 100 dB

Power	Average	Max 80 W (469 dBm)
	Peak	Max 2000 W (63 dBm)

Mechanical		
Dimensions	184 x 160 x 53 mm (excluding connectors) 246 x 160 x 53 mm (including connectors)	
Connectors	4.3-10 (f)	
Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc

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

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