



Low insertion loss

High rejection

Low PIM

Duplex B24 1626.5-1660.5 / 1525-1559 MHz

Product number: ZEN – 500 – 200 – 30

RX	Frequency Range [MHz]	Requirement
Passband	1626.5-1660.5	
Return Loss	1626.5-1660.5	> 18 dB
Insertion Loss 10 MHz average	1626.5-1660.5	< 0.8 dB
Rejection	1525 – 1559	> 80 dB

TX	Frequency Range [MHz]	Requirement
Passband	1525 – 1559	
Return Loss	1525 – 1559	> 18 dB
Insertion Loss 10 MHz average	1525 – 1559	< 0.9 dB
Rejection	1626.5-1660.5	> 100 dB

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

Mechanical		
Dimensions	168 x 159 x 45 mm (excluding connectors) 230 x 159 x 45 mm (including connectors)	
Connectors	4.3-10 (f)	

Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc
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Environmental		
Temperature range	-20 °C to +85 °C	
Ingress Protection	IP63	
Altitude	3000 m	



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