



High rejection
Low PIM

Duplex B74 1427-1470 / 1475-1518 MHz

Product number: ZEN – 500 – 200 – 37

Receive (RX)	Frequency Range [MHz]	Requirement
Passband	1427 – 1470	
Return Loss	1427 – 1470	> 18 dB
Insertion Loss Max	1427 – 1470	< 2.1 dB
Rejection	1475 – 1518	> 60 dB

Transmit (TX)	Frequency Range [MHz]	Requirement
Passband	1475 – 1518	
Return Loss	1475 – 1518	> 18 dB
Insertion Loss Max	1475 – 1518	< 3.0 dB
Rejection	1427 – 1470	> 90 dB

Power	Average	max 80 W (49 dBm)
	Peak	max 1000 W (60 dBm)

Passive Intermodulation	2 x 43 dBm	< - 120 dBm (< - 163 dBc)
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Mechanical

Dimensions	249 x 160 x 48 mm (excluding connectors) 311 x 160 x 48 mm (including connectors)
Connectors	4.3-10 (f)

Environmental

Temperature range	-40 °C to +85 °C
Ingress Protection	IP63
Altitude	3000 m



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