



Low insertion loss
High near band rejection

Band pass B53 2483.5 - 2495 MHz

Product number: ZEN – 500 – 100 – 16

Band pass 2483.5 – 2495 MHz	Frequency Range [MHz]	Requirement
Passband	2483.5 – 2495	
Return Loss	2483.5 – 2495	> 18 dB
Insertion Loss Max	2483.5 – 2495	< 1.5 dB
Rejection	DC – 2450	> 80 dB
Rejection	2450 – 2470	> 60 dB
Rejection	2470 – 2480	> 16 dB
Rejection	2500 – 2510	> 55 dB
Rejection	2510 – 3200	> 70 dB
Power	Average	max 100 W (50 dBm)
	Peak	max 1000 W (60 dBm)
Passive Intermodulation	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
Mechanical		
Dimensions	188 x 96 x 44 mm (excluding connectors) 250 x 96 x 44 mm (including connectors)	
Connectors	4.3-10 (f)	
Environmental		
Temperature range	-10 °C to +65 °C	
Ingress Protection	IP63	
Altitude	3000 m	



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