

Low PIM

High stop band rejection

High power handling

Diplexer 3410 - 3610 MHz – Band stop and band pass

Product number: ZEN – 500 – 200 – 13

Band pass filter	Frequency Range [MHz]	Requirement
Passband	3410 - 3610	
Return Loss	3410 - 3610	> 14 dB
Insertion Loss Max	3410 - 3610	< 2.5 dB
Rejection	0.009 - 3400	> 50 dB
Rejection	3630 - 7200	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	0.009 – 3400	
	3630 - 7200	
Return Loss	0.009 – 3400	> 10 dB
	3630 - 7200	
Insertion Loss	0.009 – 3400	< 3.0 dB
	3630 - 7200	< 1.0 dB typical
Rejection	3410 - 3610	> 90 dB

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Power	Average	max 100 W (50 dBm)
	Peak	max 1000 W (60 dBm)

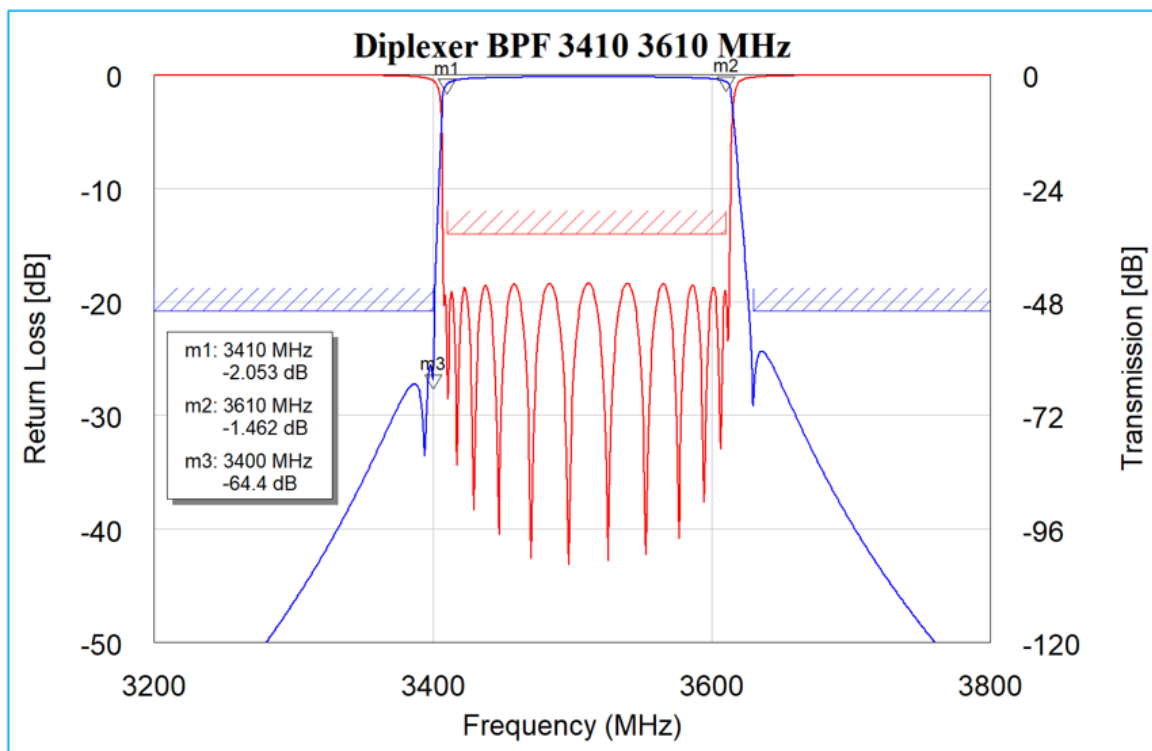
Passive Intermodulation (PIM)	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
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Mechanical

Dimensions	291 x 248 x 34 mm (including connectors)	
Connectors	4.3-10 (f) or N(f)	

Environmental

Temperature range	+10 °C to +40 °C	
Ingress Protection	IP63	
Altitude	3000 m	



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