

Low PIM
High stop band rejection
High power handling

Diplexer n101 – Band stop and band pass

Product number: ZEN – 500 – 200 – 14

Band pass filter	Frequency Range [MHz]	Requirement
Passband	1900 - 1910	
Return Loss	1900 - 1910	> 14 dB
Insertion Loss Max	1900 - 1910	< 2.5 dB
Rejection	0.009 - 1890	> 50 dB
Rejection	1920 - 4000	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	0.009 – 1890	
	1920 - 4000	
Return Loss	0.009 – 1890	> 10 dB
	1920 - 4000	
Insertion Loss	0.009 – 1890	< 1.5 dB
	1920 - 4000	
Rejection	1900 - 1910	> 90 dB

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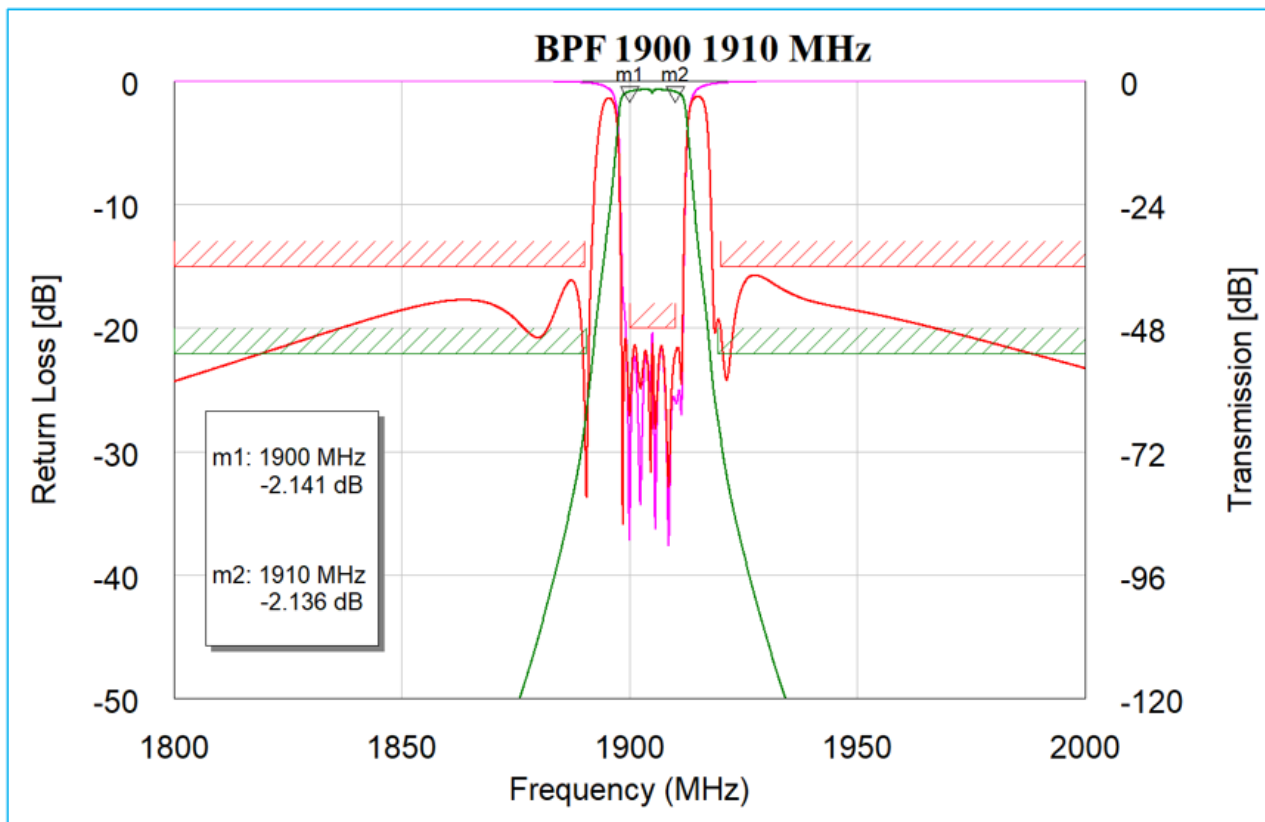
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Power	Average	max 100 W (50 dBm)
	Peak	max 1000 W (60 dBm)

Passive Intermodulation (PIM)	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
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Mechanical	
Dimensions	235 x 235 x 50 mm (excluding connectors) 311 x 235 x 50 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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