

Low PIM

High stop band rejection

High power handling

## Diplexer n66 – Band stop and band pass

Product number: ZEN – 500 – 200 – 16

Band pass filter	Frequency Range [MHz]	Requirement
Passband	2110 - 2200	
Return Loss	2110 - 2200	> 14 dB
Insertion Loss Max	2110 - 2200	< 2.0 dB
Rejection	0.009 – 2100	> 50 dB
Rejection	2208 - 4000	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	0.009 – 2100	
	2208 - 4000	
Return Loss	0.009 – 2100	> 10 dB
	2208 - 4000	
Insertion Loss	0.009 – 2100	< 4.0 dB at band edge < 1.0 dB typical
	2208 - 4000	
Rejection	2110 - 2200	> 90 dB



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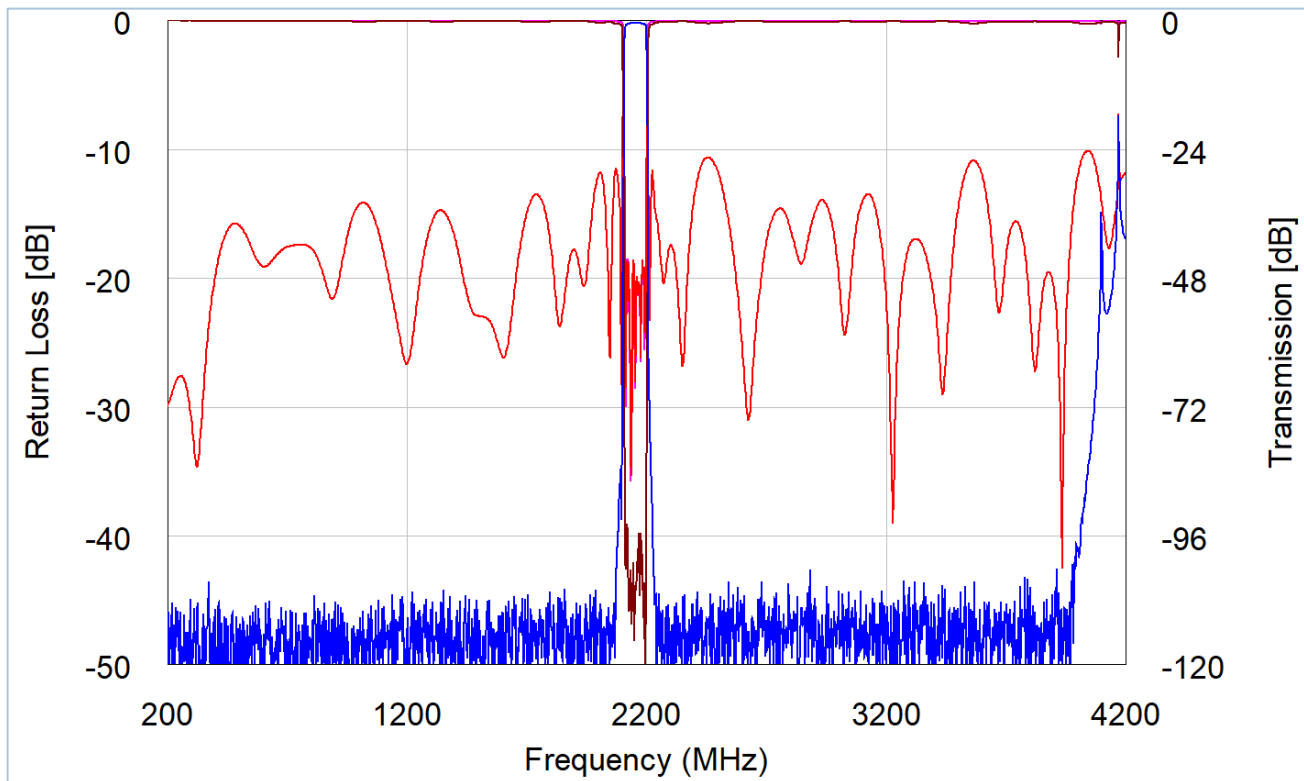
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Power	Average	max 100 W (50 dBm)
	Peak	max 1000 W (60 dBm)

Passive Intermodulation (PIM)	2 x 43 dBm	< - 117 dBm ( < - 160 dBc )
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Mechanical	
Dimensions	251 x 234 x 50 mm
Connectors	4.3-10 (f) or N(f)

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





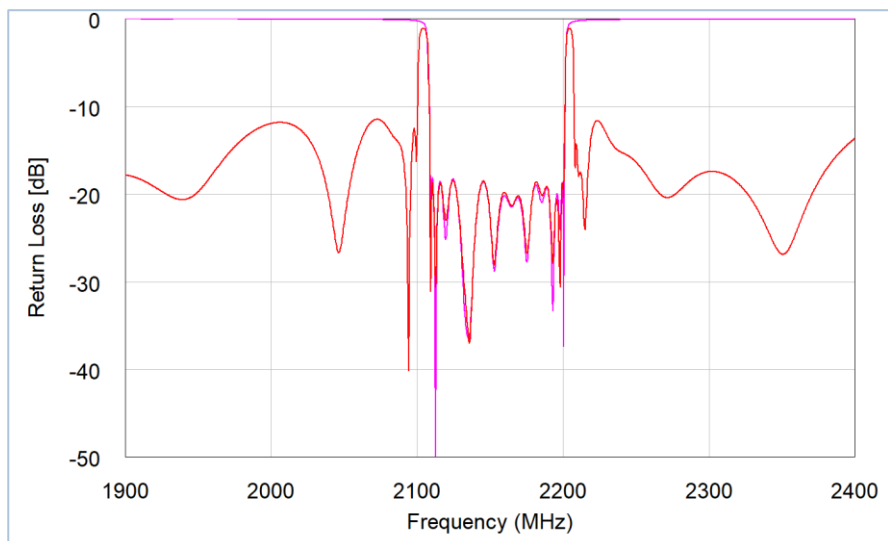
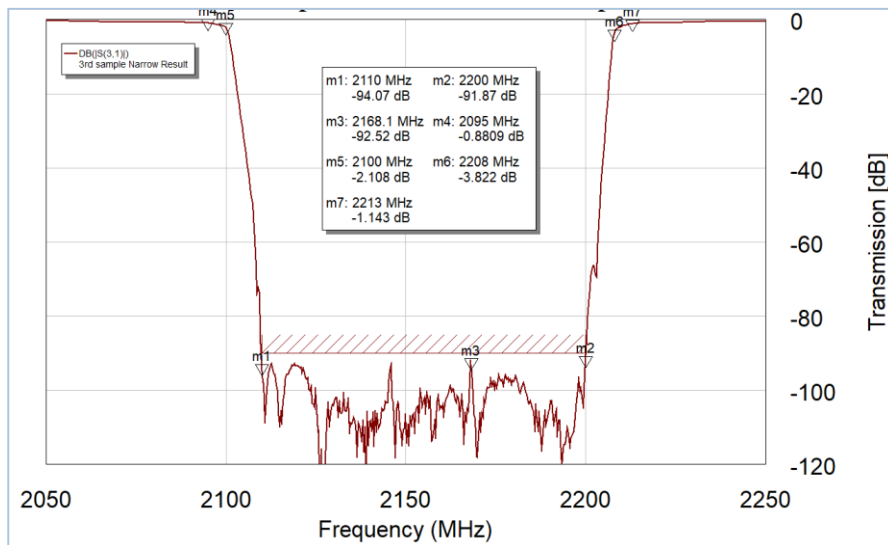
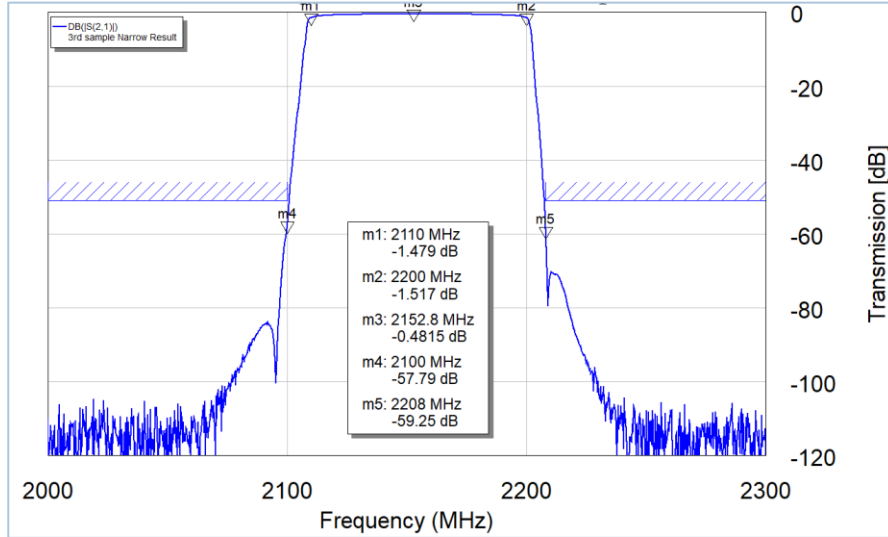
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