

Low insertion loss

Low PIM

High power handling

## Tetraplex – n28 n5&n8 n2 n4

Product number: ZEN – 500 – 500 – 03

Band n28	Frequency Range [MHz]	Requirement
Passband	703 – 803	
Return Loss	703 – 803	> 18 dB
Insertion Loss Max	703 – 803	< 0.6 dB
Rejection	824 – 2200	> 55 dB

Band n5 & n8	Frequency Range [MHz]	Requirement
Passband	824 – 960	
Return Loss	824 – 960	> 18 dB
Insertion Loss Max	824 – 960	< 0.6 dB
Rejection	DC – 803	> 55 dB
Rejection	1710 – 2200	> 90 dB

Band n2	Frequency Range [MHz]	Requirement
Passband	1850 – 1990	
Return Loss	1850 – 1990	> 18 dB
Insertion Loss Max	1850 – 1990	< 0.5 dB
Rejection	DC – 1755	> 60 dB
Rejection	2110 – 2200	> 60 dB



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Band n4	Frequency Range [MHz]	Requirement
Passband	1710 – 1755 2110 – 2155	
Return Loss	1710 – 1755 2110 – 2155	> 18 dB
Insertion Loss Max	1710 – 1755 2110 – 2155	< 0.6 dB
Rejection	DC – 960	> 90 dB
Rejection	1850 – 1990	> 52 dB

Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc
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Mechanical		
Dimensions (including connectors)	254 x 234 x 58 mm	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	-40 °C to +85 °C	
Ingress Protection	IP67 (Outdoor)	

Power n28 n5&n8 n4 n2 ports	Average	Max 100 W (50 dBm)
	Peak	Max 2000 W (63 dBm)



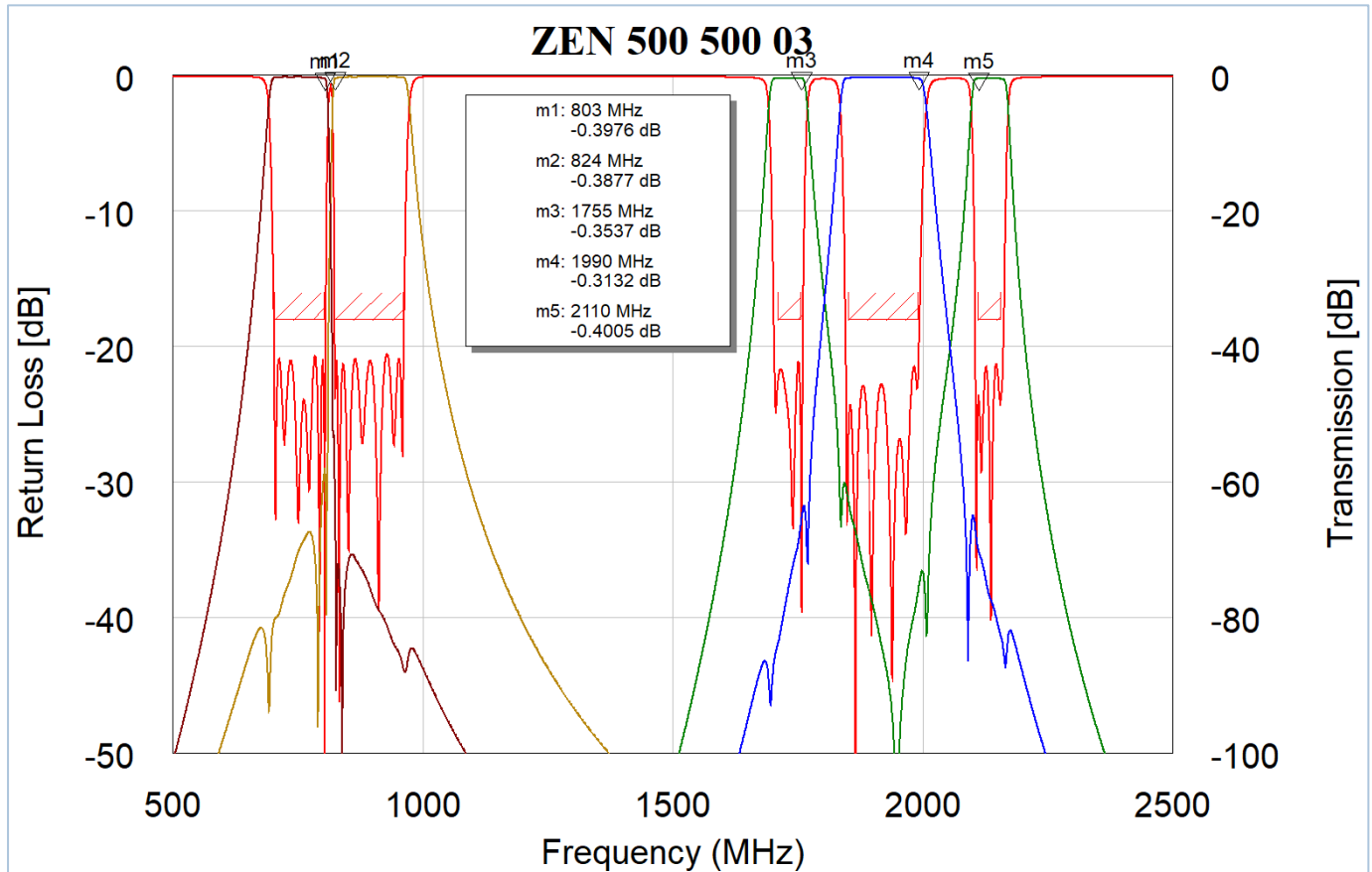
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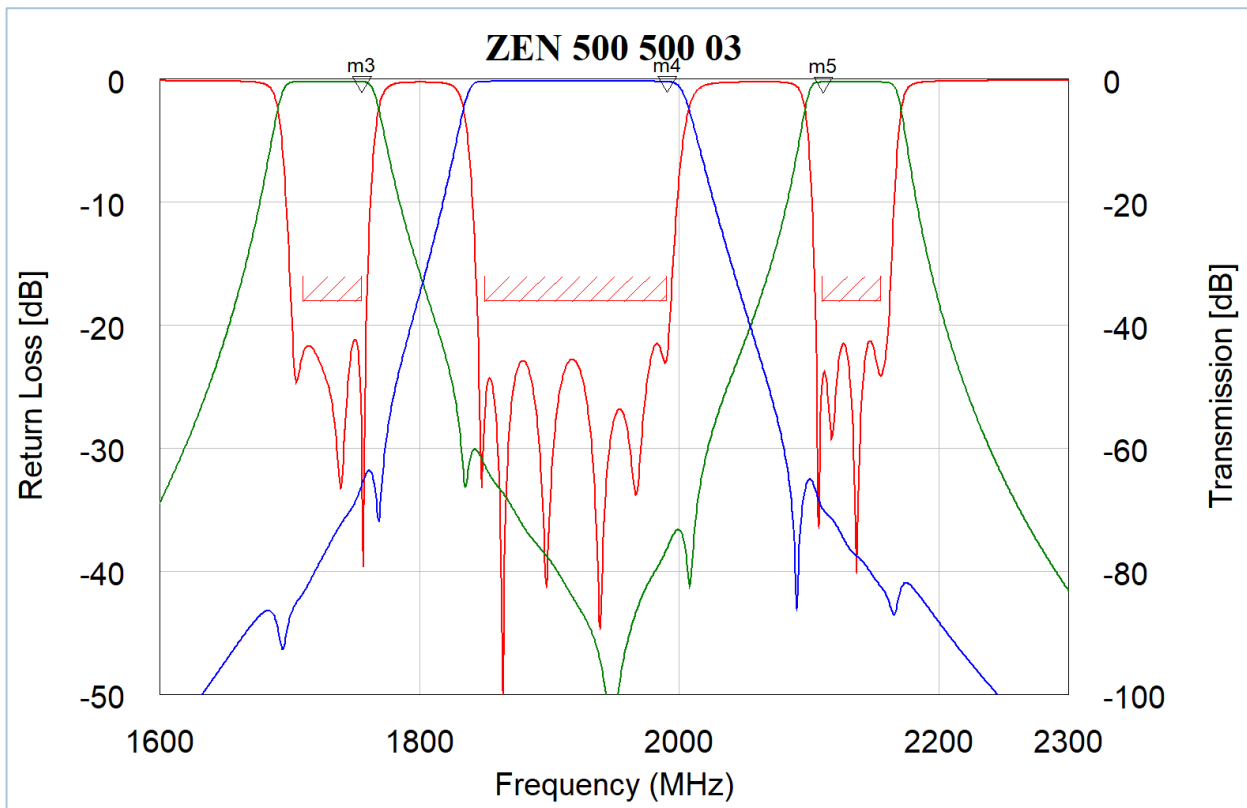
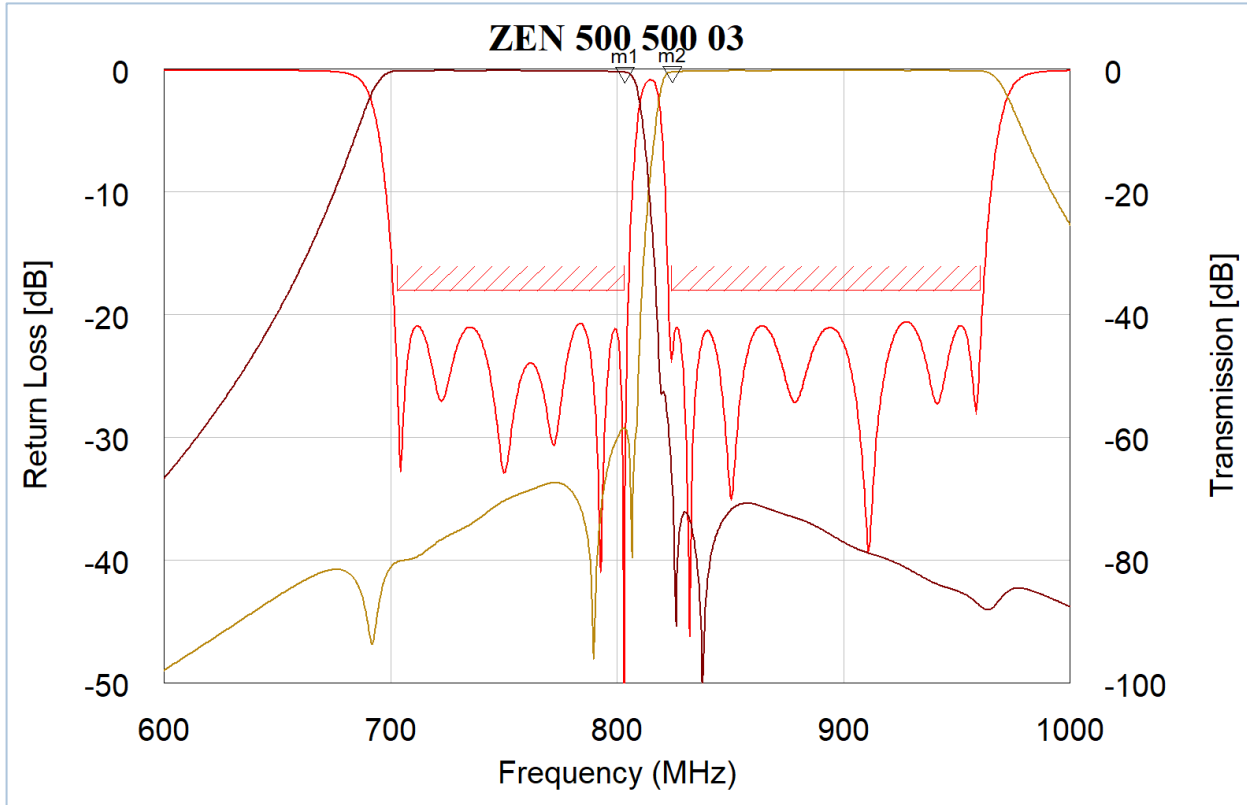
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