

Low insertion loss

Low PIM

High power handling

Triplexer – n1 n3 n101

Product number: ZEN – 500 – 500 – 01

Band n3	Frequency Range [MHz]	Requirement
Passband	1710 – 1880	
Return Loss	1710 – 1880	> 18 dB
Insertion Loss Max	1710 – 1880	< 0.8 dB
Rejection	1900 – 2170	> 52 dB

Band n101	Frequency Range [MHz]	Requirement
Passband	1900 – 1910	
Return Loss	1900 – 1910	> 18 dB
Insertion Loss Max	1900 – 1910	< 1.8 dB
Rejection	1710 – 1880	> 52 dB
Rejection	1920 – 2170	> 48 dB

Band n1	Frequency Range [MHz]	Requirement
Passband	1920 – 2170	
Return Loss	1920 – 2170	> 18 dB
Insertion Loss Max	1920 – 2170	< 1.2 dB
Rejection	1710 – 1910	> 52 dB



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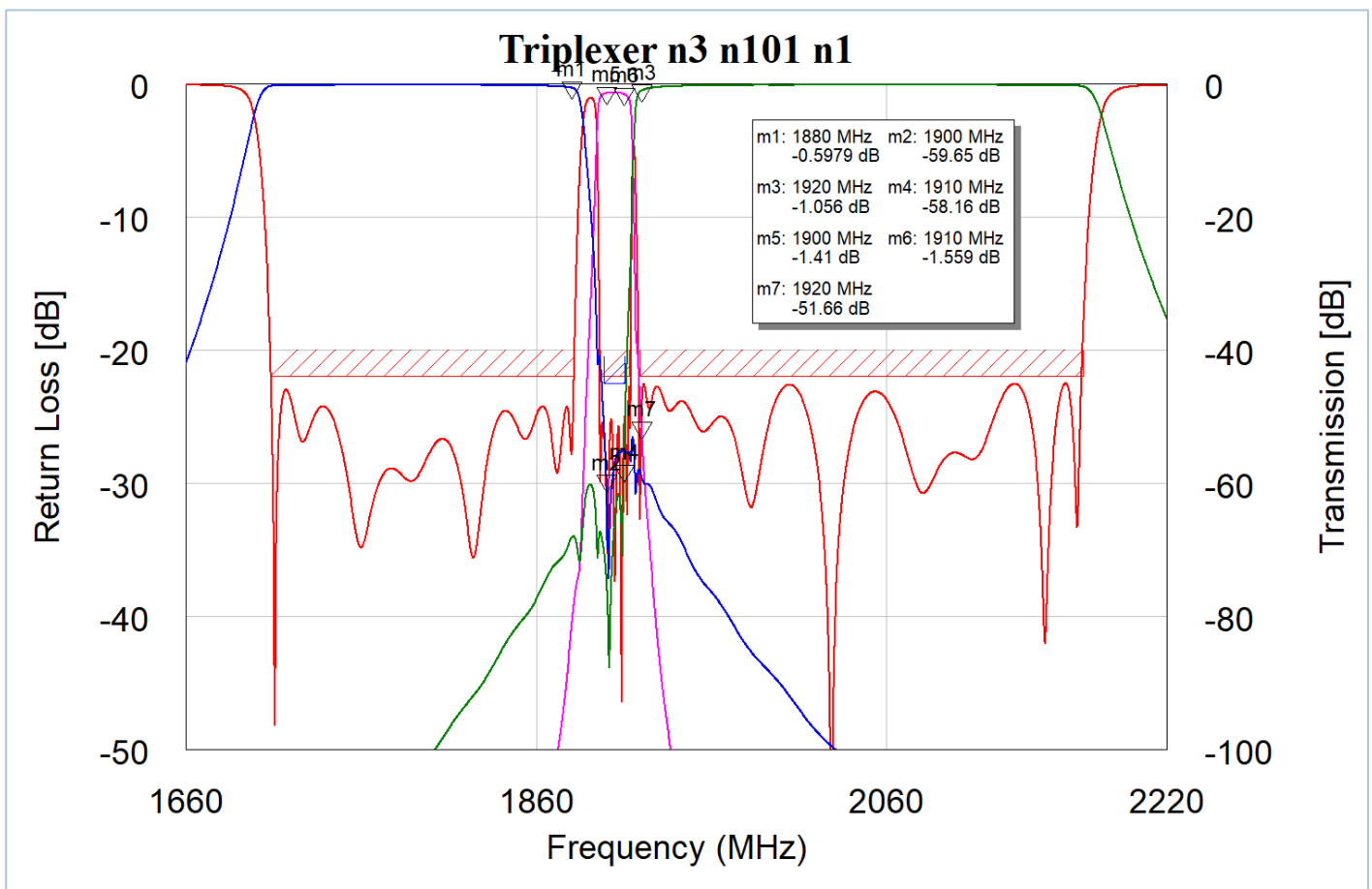
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Passive Intermodulation	2 x 43 dBm	< - 117 dBm < - 160 dBc
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Mechanical	
Dimensions (including connectors)	365 x 152 x 43 mm
Connectors	4.3-10 (f)

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

Power n1 n3 n101 ports	Average	Max 80 W (49 dBm)
	Peak	Max 2000 W (63 dBm)





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