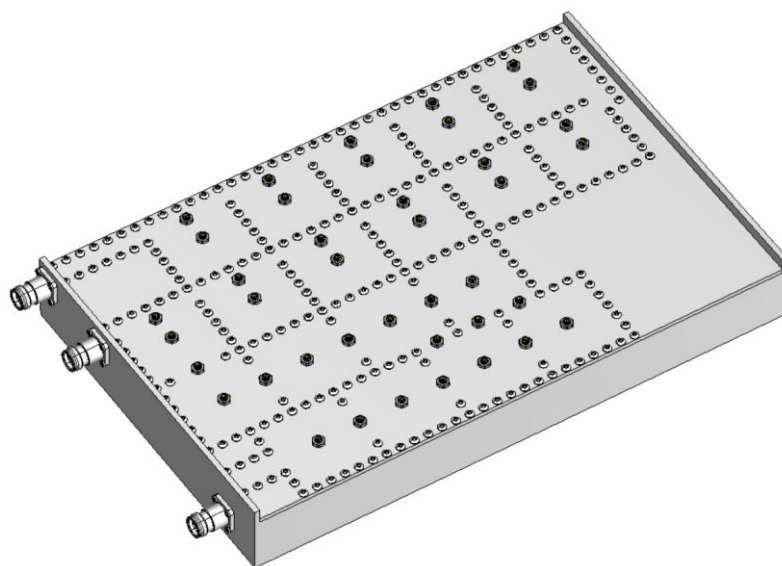




High stop band rejection

Low insertion loss

High power handling

Diplexer B100 DL 919.4 – 925 MHz

Product number: ZEN – 500 – 200 – 46

Band pass filter	Frequency Range [MHz]	Requirement
Passband	919.4 – 925	
Return Loss	919.4 – 925	> 14 dB
Insertion Loss Max	919.4 – 925	< 1.5 dB
Rejection	9 kHz – 915	> 50 dB
Rejection	930 – 1400	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	9 kHz – 915 930 – 1400	
Return Loss	9 kHz – 915 930 – 1400	> 10 dB
Insertion Loss Max	9 kHz – 915 930 – 1400	< 1.0 dB
Rejection	919.4 – 925	> 90 dB

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

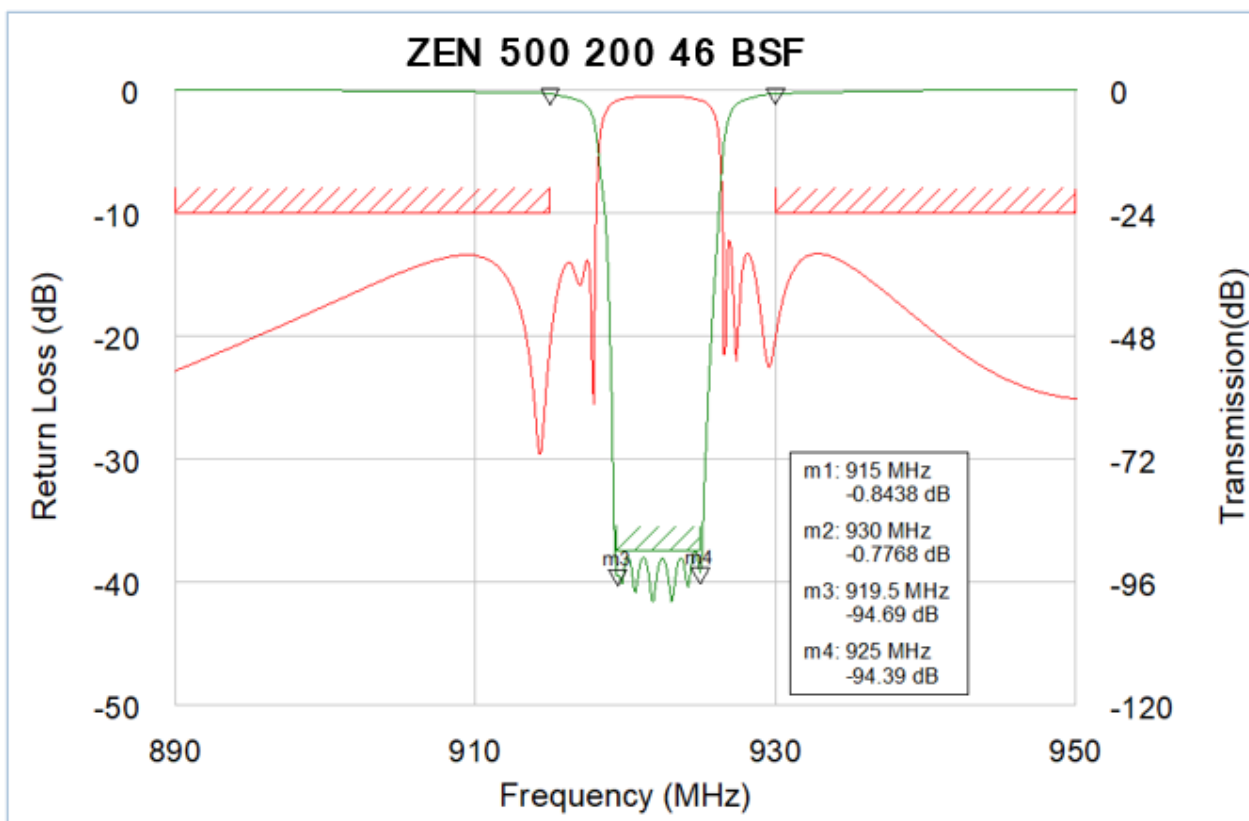
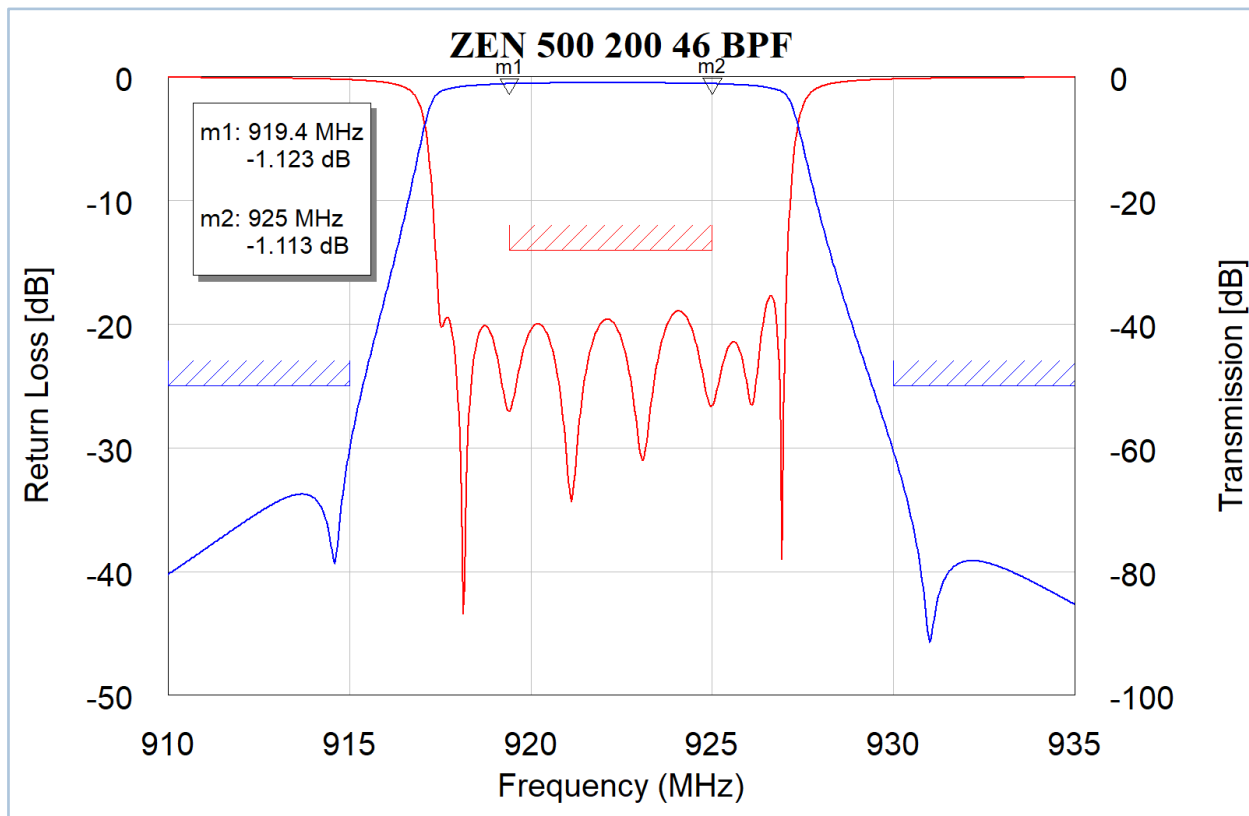
Passive Intermodulation (PIM) Forward	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
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Mechanical		
Dimensions	507 x 323 x 66 mm (excluding connectors) 538 x 323 x 66 mm (including connectors)	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	+18 °C to +40 °C	
Ingress Protection	IP63	

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