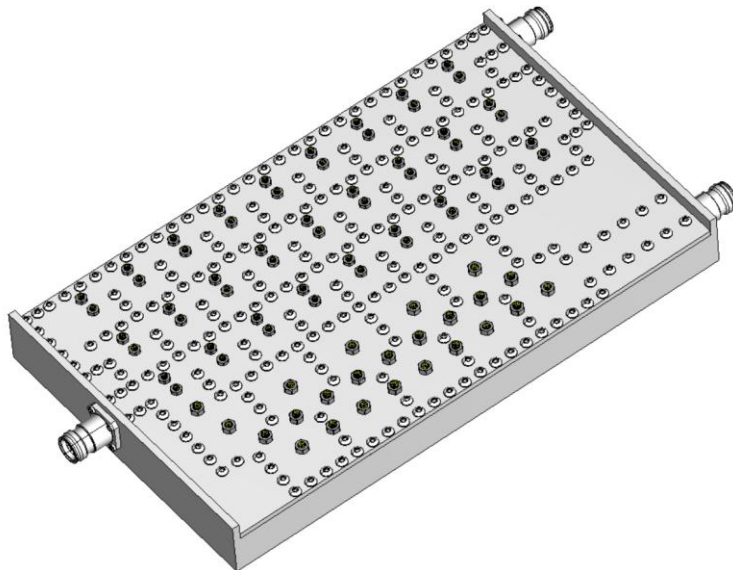




High stop band rejection

Low insertion loss

High power handling

Diplexer B38A +10 MHz 2575 – 2625 MHz

Product number: ZEN – 500 – 200 – 48

Band pass filter	Frequency Range [MHz]	Requirement
Passband	2575 – 2625	
Return Loss	2575 – 2625	> 14 dB
Insertion Loss Max Typically	2575 – 2625	< 2.0 dB < 1.0 dB
Rejection	9 kHz – 2570	> 50 dB
Rejection	2630 – 4000	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	9 kHz – 2570 2630 – 4000	
Return Loss	9 kHz – 2570 2630 – 4000	> 10 dB
Insertion Loss Max Typically	9 kHz – 2570 2630 – 4000	< 4.0 dB < 1.5 dB
Rejection	2575 – 2625	> 90 dB

Power	Average	max 200 W (53 dBm)
	Peak	max 2000 W (63 dBm)

Passive Intermodulation (PIM)	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
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Mechanical		
Dimensions	378 x 225 x 41 mm (excluding connectors) 440 x 225 x 41 mm (including connectors)	
Connectors	4.3-10 (f)	



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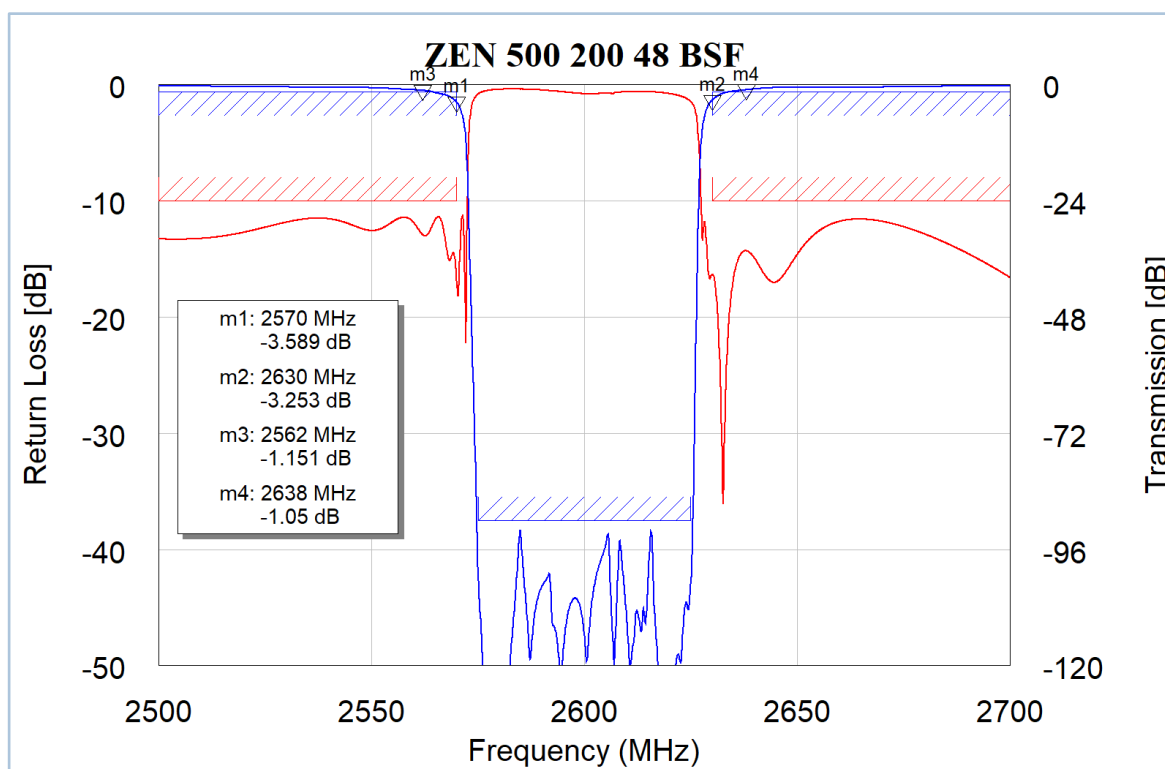
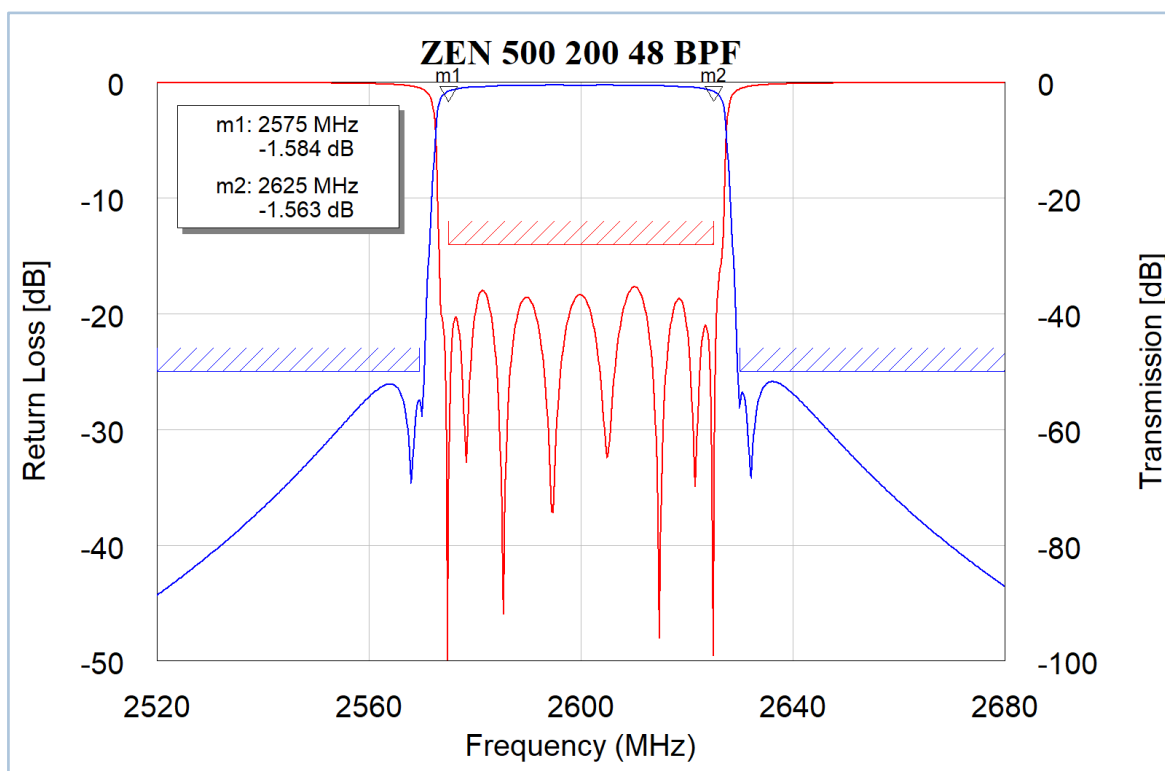
Environmental

Temperature range

+18 °C to +40 °C

Ingress Protection

IP63





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