

High stop band rejection  
 Low insertion loss  
 High power handling

## Diplexer B71 UL 663-698 MHz

Product number: ZEN – 500 – 200 – 45

Band pass filter	Frequency Range [MHz]	Requirement
Passband	663 – 698	
Return Loss	663 – 698	> 14 dB
Insertion Loss Max	663 – 698	< 1.5 dB
Rejection	DC – 653	> 50 dB
Rejection	708 – 1400	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	DC – 653 708 – 1400	
Return Loss	DC – 653 708 – 1400	> 10 dB
Insertion Loss Max	DC – 653 708 – 1400	< 1.5 dB
Rejection	663 – 698	> 90 dB

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

Passive Intermodulation (PIM) Forward and Revers	2 x 43 dBm	< - 117 dBm ( < - 160 dBc )
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Mechanical		
Dimensions	453 x 382 x 90 mm (excluding connectors) 515 x 382 x 90 mm (including connectors)	
Connectors	4.3-10 (f)	
Weight	≈ 13 kg	



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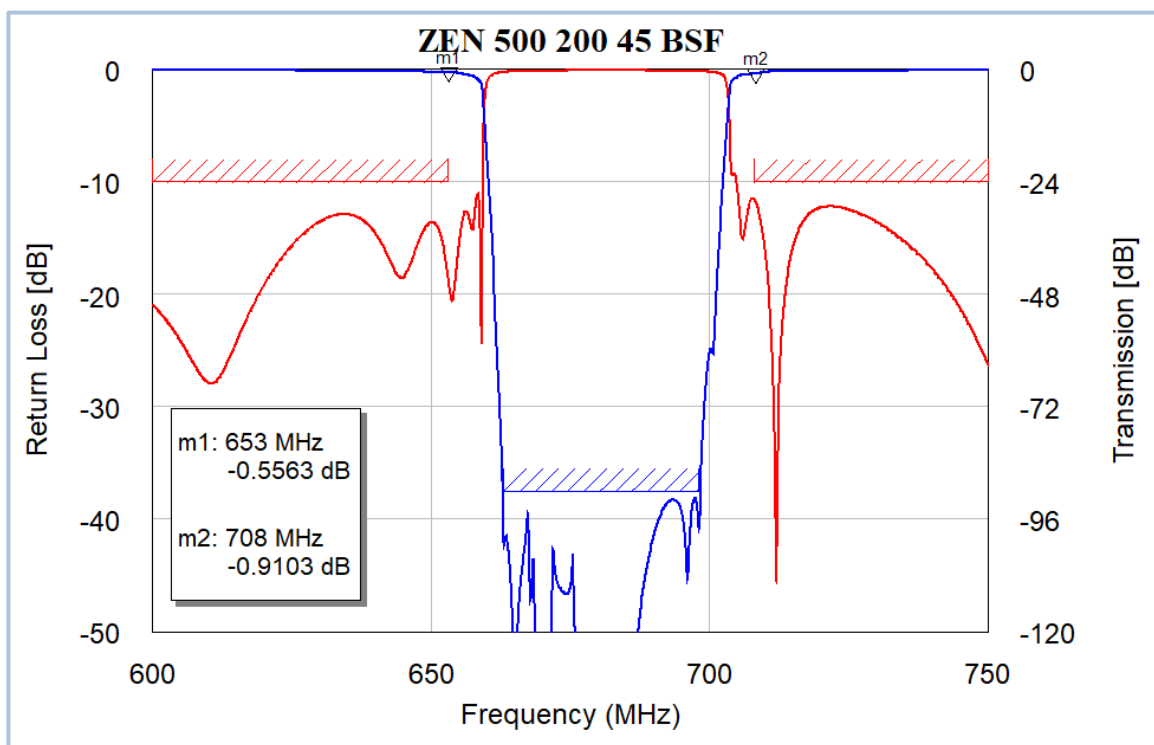
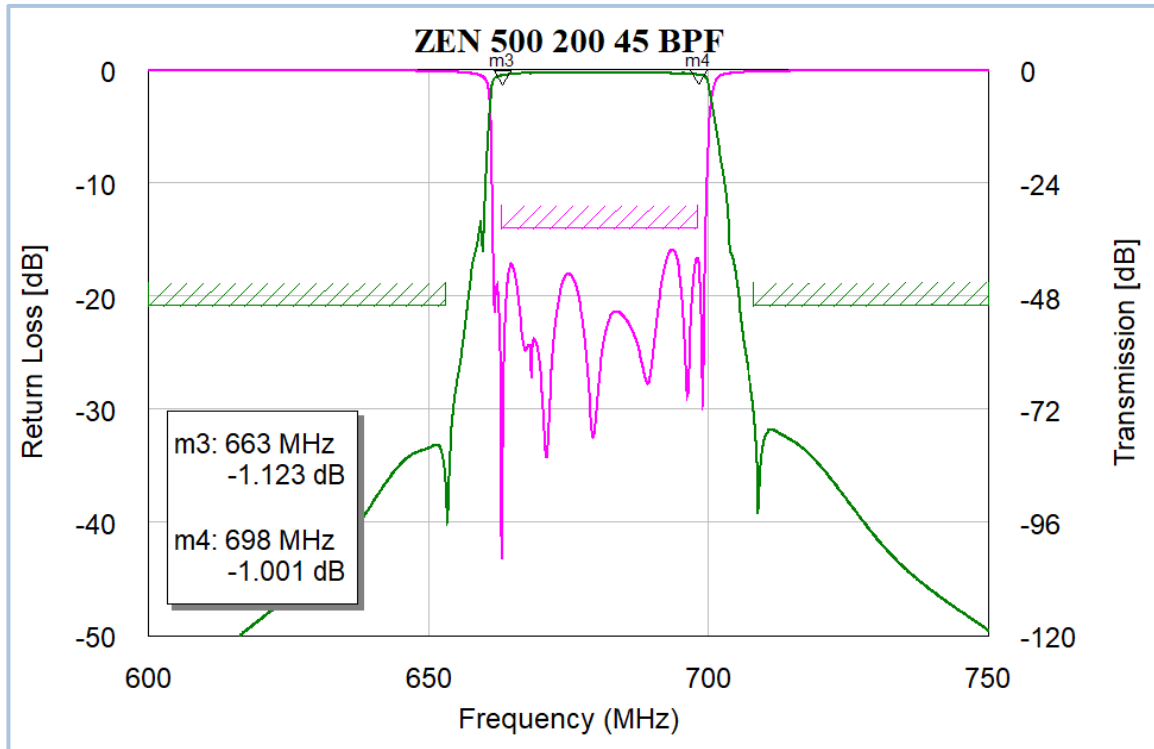
### Environmental

Temperature range

-40 °C to +85 °C

Ingress Protection

IP65





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