

High stop band rejection
 Low insertion loss
 High power handling

Diplexer B71 DL 617-652 MHz

Product number: ZEN – 500 – 200 – 44

Band pass filter	Frequency Range [MHz]	Requirement
Passband	617 – 652	
Return Loss	617 – 652	> 14 dB
Insertion Loss Max	617 – 652	< 1.5 dB
Rejection	DC – 607	> 50 dB
Rejection	662 – 1400	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	DC – 607 662 – 1400	
Return Loss	DC – 607 662 – 1400	> 10 dB
Insertion Loss Max	DC – 607 662 – 1400	< 1.5 dB
Rejection	617 – 652	> 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)
---	------------	--------------------------------

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	



High stop band rejection

Low insertion loss

High power handling

Diplexer B71 DL 617-652 MHz

Product number: ZEN – 500 – 200 – 44

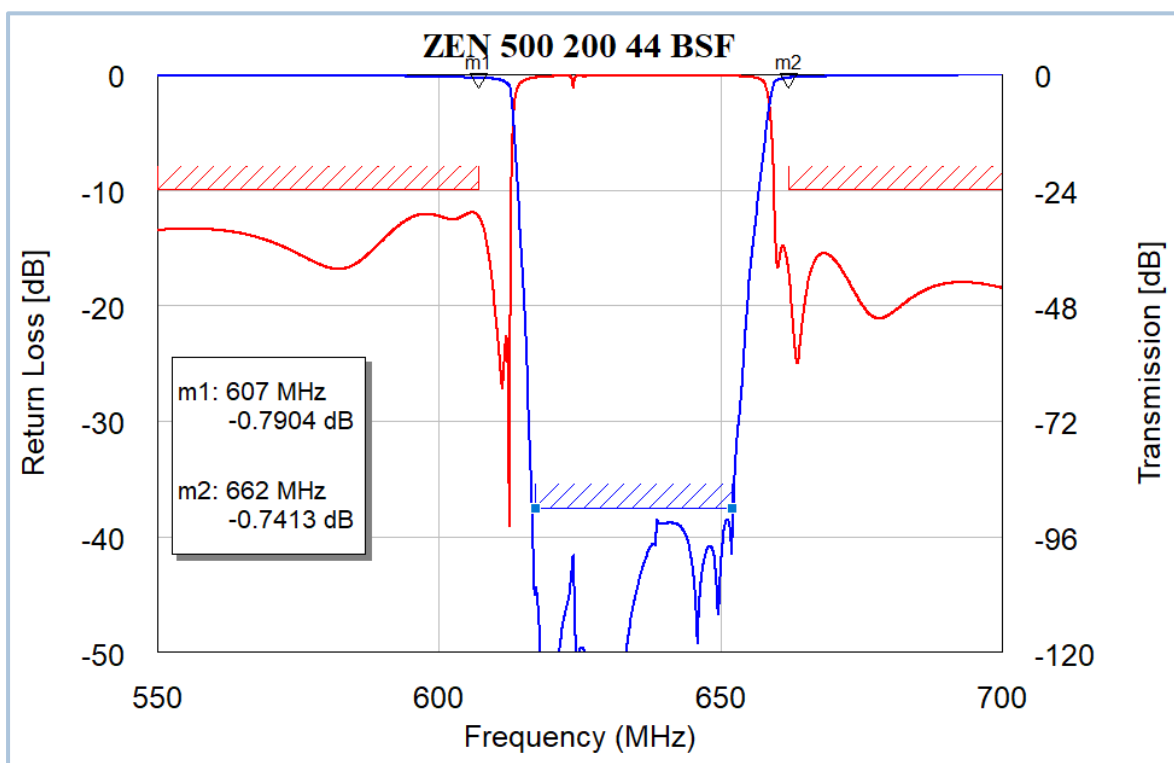
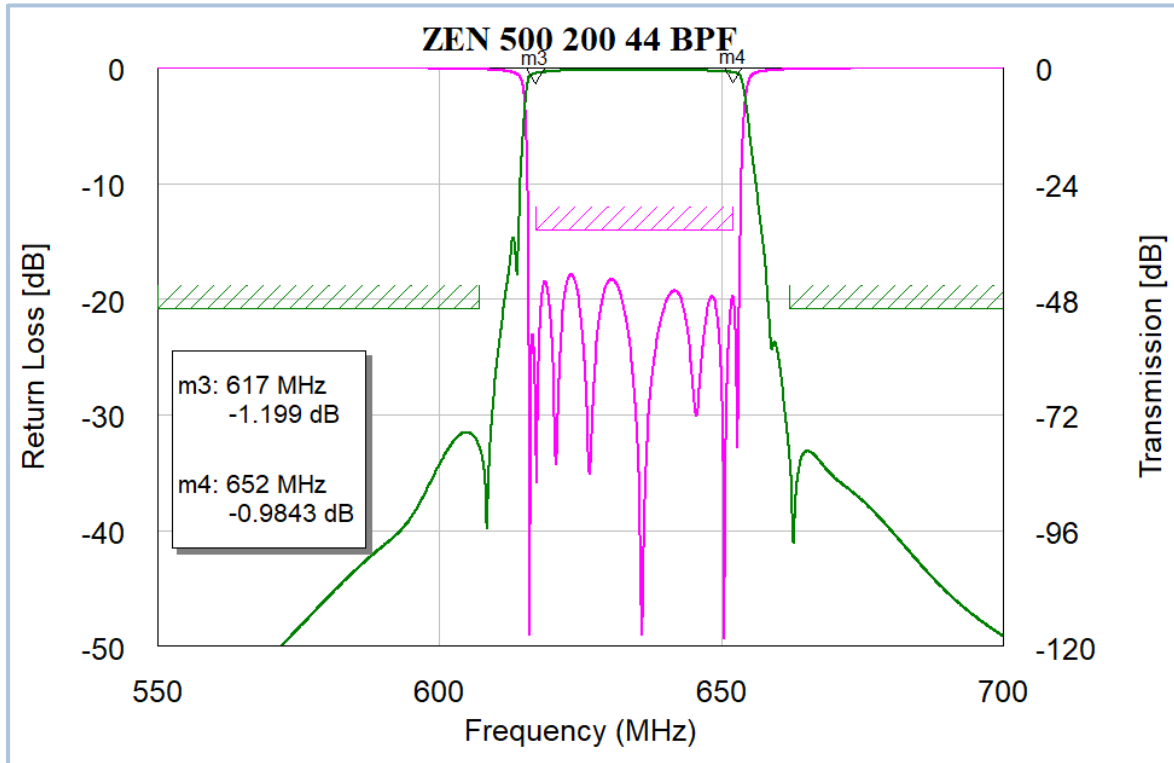
Environmental

Temperature range

-40 °C to +85 °C

Ingress Protection

IP65





High stop band rejection

Low insertion loss

High power handling

Diplexer B71 DL 617-652 MHz

Product number: ZEN - 500 - 200 - 44

