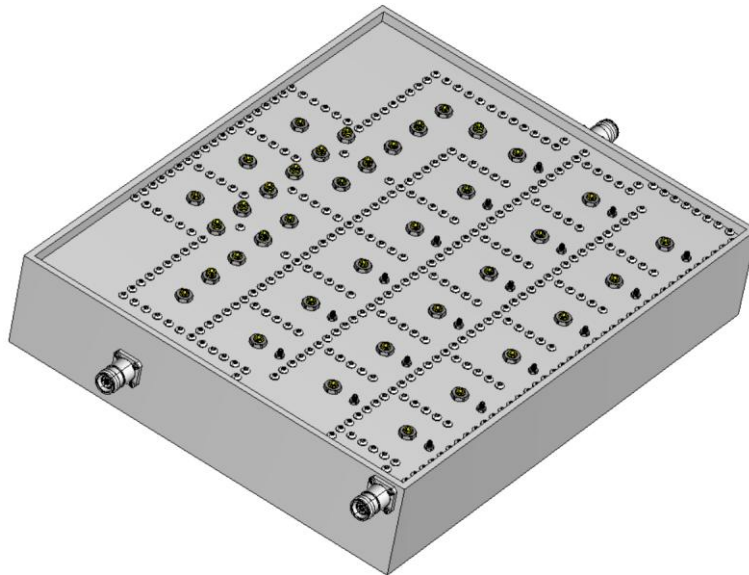




High rejection
Low insertion loss
High power handling

Diplexer B12A-B71 UL 663 – 715 MHz

Product number: ZEN – 500 – 200 – 53

Band pass filter	Frequency Range [MHz]	Requirement
Passband	663 – 715	
Return Loss	663 – 715	> 14 dB
Insertion Loss Max	663 – 715	< 1.5 dB
Rejection	DC – 653	> 50 dB
Rejection	726 – 1400	> 50 dB

Stop band filter	Frequency Range [MHz]	Requirement
Passband	DC – 653 726 – 1400	
Return Loss	DC – 653 726 – 1400	> 10 dB
Insertion Loss Max	DC – 653 726 – 1400	< 1.5 dB
Rejection	663 – 715	> 90 dB

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

Mechanical	
Dimensions	≈ 480 x 388 x 90 mm (excluding connectors) ≈ 542 x 388 x 90 mm (including connectors)
Connectors	4.3-10 (f)
Weight	≈ 14 kg



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Diplexer B12A-B71 UL 663 – 715 MHz

Product number: ZEN – 500 – 200 – 53

Environmental

Temperature range

+15 °C to +40 °C

Ingress Protection

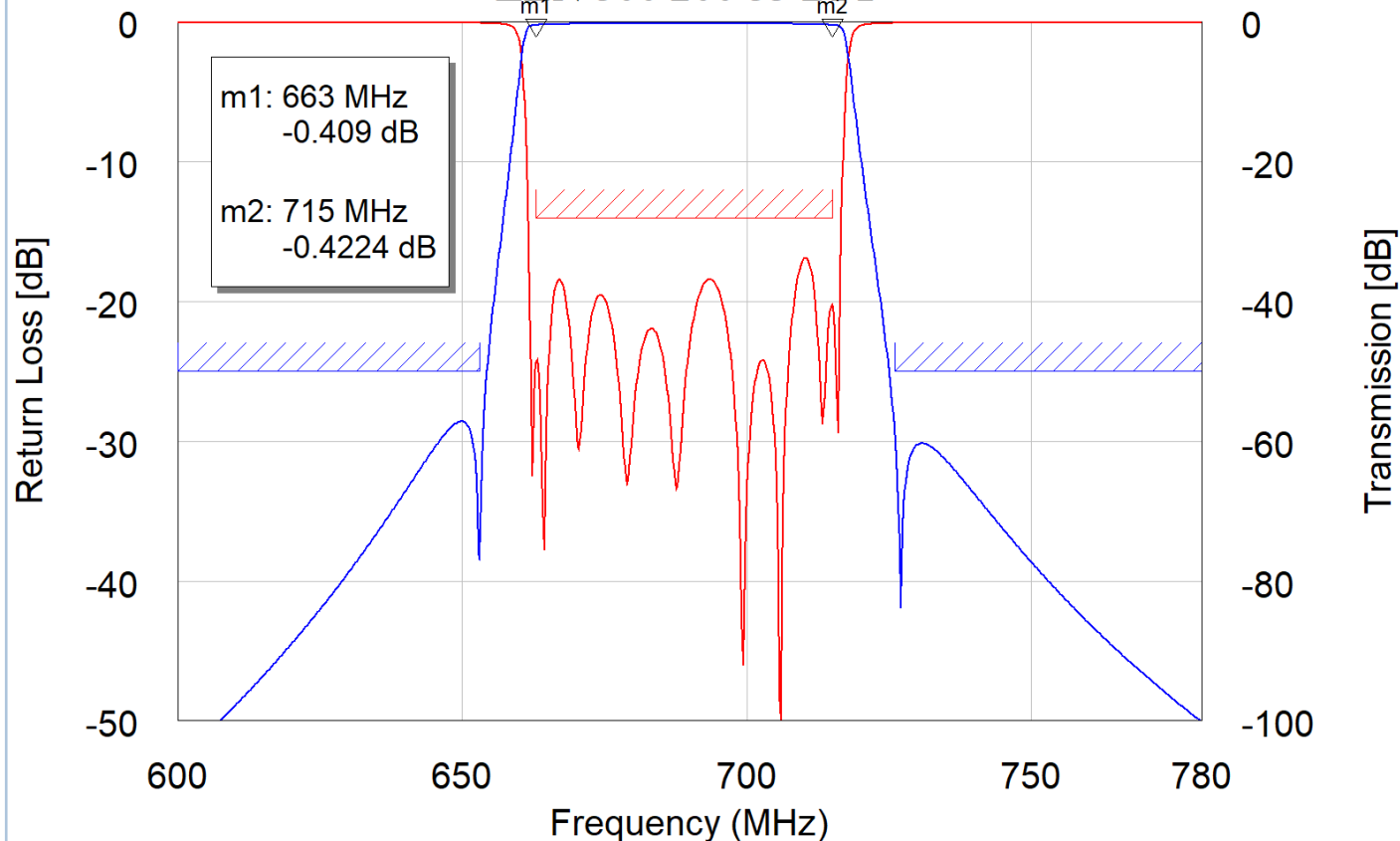
IP63

Passive Intermodulation (PIM)

2 x 43 dBm

< - 117 dBm
(< - 160 dBc)

ZEN 500 200 53 BPF





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