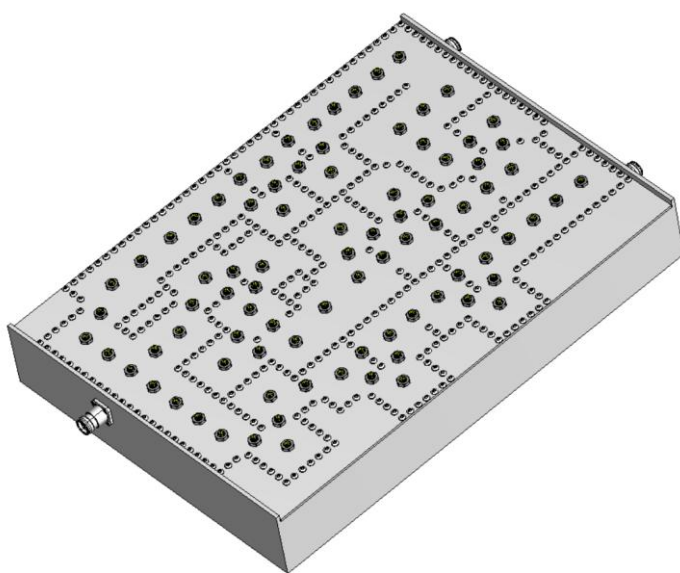




High rejection
Low insertion loss
High power handling

Diplexer B12A-B71 UL 663 – 715 MHz Steep Slope

Product number: ZEN – 500 – 200 – 54

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	617 – 652	> 50 dB
Rejection	717 – 894	> 50 dB

Stop band filter	Frequency Range [MHz]	Requirement
Passband	617 – 652 717 – 894	
Return Loss	617 – 652 717 – 894	> 10 dB
Insertion Loss Max	617 – 652 717 – 894	< 2.6 dB
Rejection	663 – 712	> 85 dB
Rejection	712 – 715	> 75 dB

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

Mechanical	
Dimensions	≈ 578 x 416 x 88 mm (excluding connectors) ≈ 640 x 416 x 88 mm (including connectors)
Connectors	4.3-10 (f)
Weight	≈ 17.5 kg



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Environmental

Temperature range

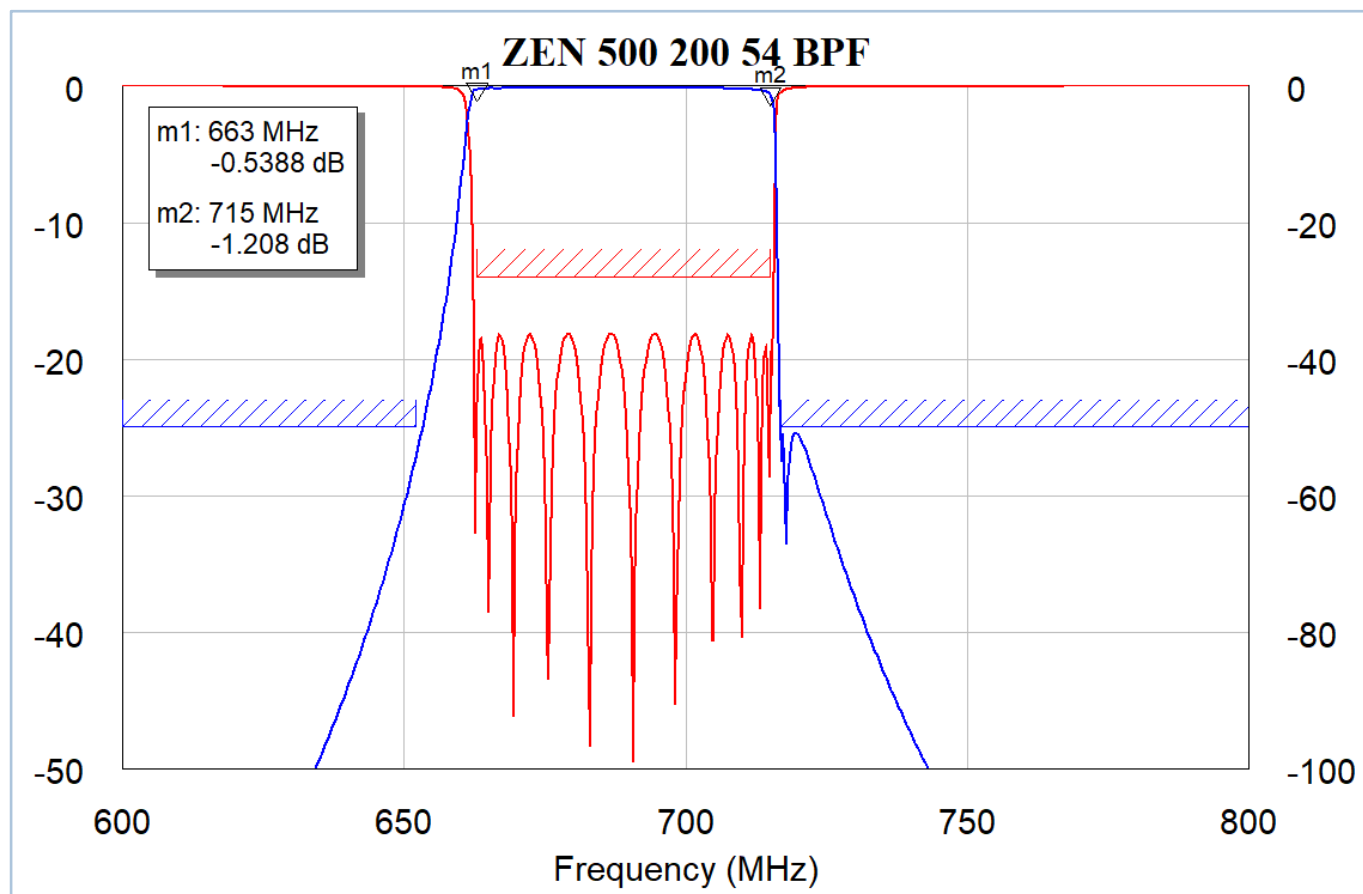
+15 °C to +40 °C

Ingress Protection

IP63

Passive Intermodulation (PIM)

2 x 43 dBm

< - 117 dBm
(< - 160 dBc)



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