

Low PIM

High stop band rejection

High power handling

## Diplexer B26D UL – Band stop and band pass

Product number: ZEN – 500 – 200 – 41

Band pass filter	Frequency Range [MHz]	Requirement
Passband	814 – 835	
Return Loss	814 – 835	> 14 dB
Insertion Loss Max	814 – 835	< 1.5 dB
Rejection	0.0009 – 804	> 50 dB
Rejection	845 – 1400	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	0.009 – 804	
	845 – 1400	
Return Loss	0.009 – 804	> 10 dB
	845 – 1400	
Insertion Loss Max Typical	0.009 – 804	< 1.0dB
	845 – 1400	< 0.5 dB
Rejection	814 – 835	> 90 dB

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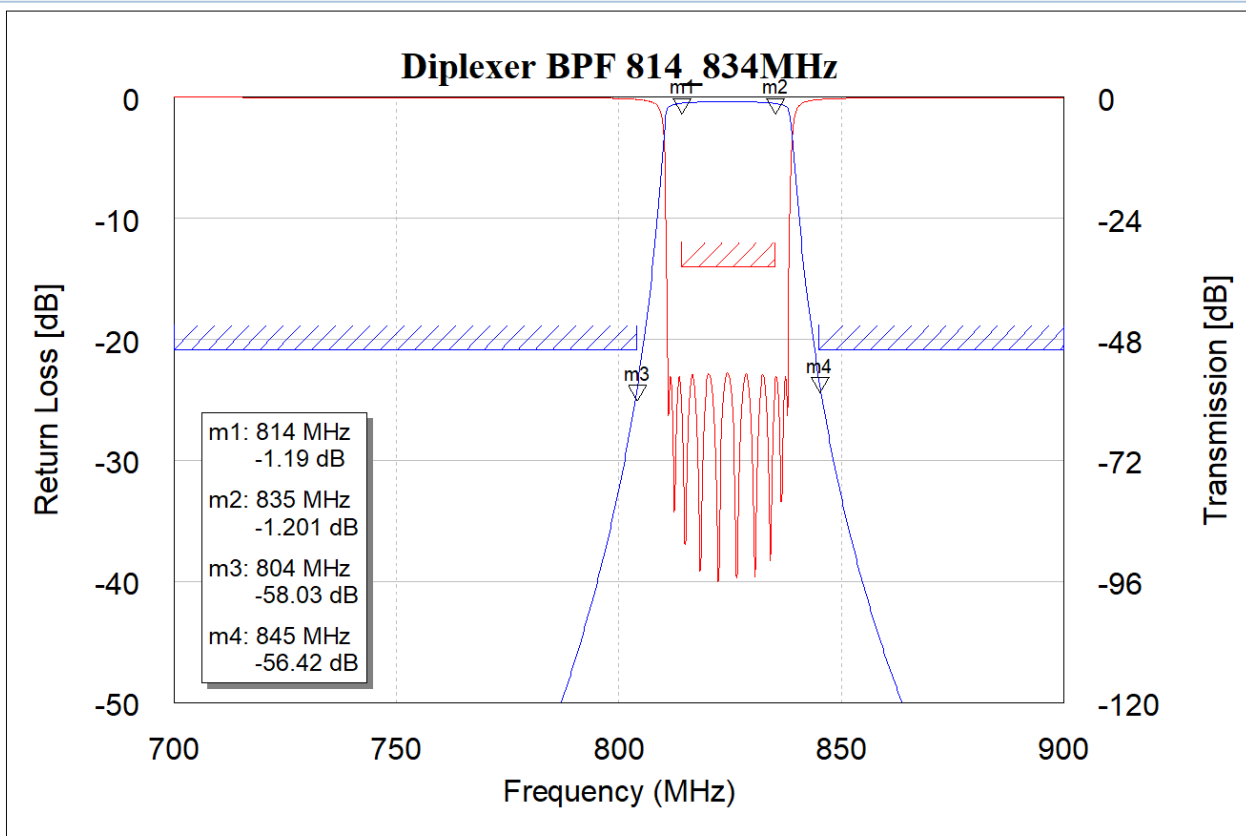
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Power	Average	max 100 W (50 dBm)
	Peak	max 1000 W (60 dBm)

Passive Intermodulation (PIM) Forward and Revers	2 x 43 dBm	< - 117 dBm ( < - 160 dBc )
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Mechanical		
Dimensions (excluding connectors)	434 x 242 x 45	
Connectors	4.3-10 (f)	

Environmental		
Temperature range	+15 °C to +45 °C	
Ingress Protection	IP63	



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