



High rejection
Low insertion loss
High power handling

Diplexer B5-B14 UL 788 – 849 MHz

Product number: ZEN – 500 – 200 – 55

Band pass filter	Frequency Range [MHz]	Requirement
Passband	788 – 849	
Return Loss	788 – 849	> 14 dB
Insertion Loss Max	788 – 849	< 1.5 dB
Rejection	DC – 776	> 50 dB
Rejection	859 – 1400	> 50 dB

Stop band filter	Frequency Range [MHz]	Requirement
Passband	DC – 776 859 – 1400	
Return Loss	DC – 776 859 – 1400	> 10 dB
Insertion Loss Max	DC – 776 859 – 1400	< 2.6 dB
Rejection	788 – 849	> 90 dB

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

Mechanical	
Dimensions	≈ 828 x 412 x 35 mm (excluding connectors) ≈ 886 x 412 x 35 mm (including connectors)
Connectors	4.3-10 (f)
Weight	≈ 10.0 kg



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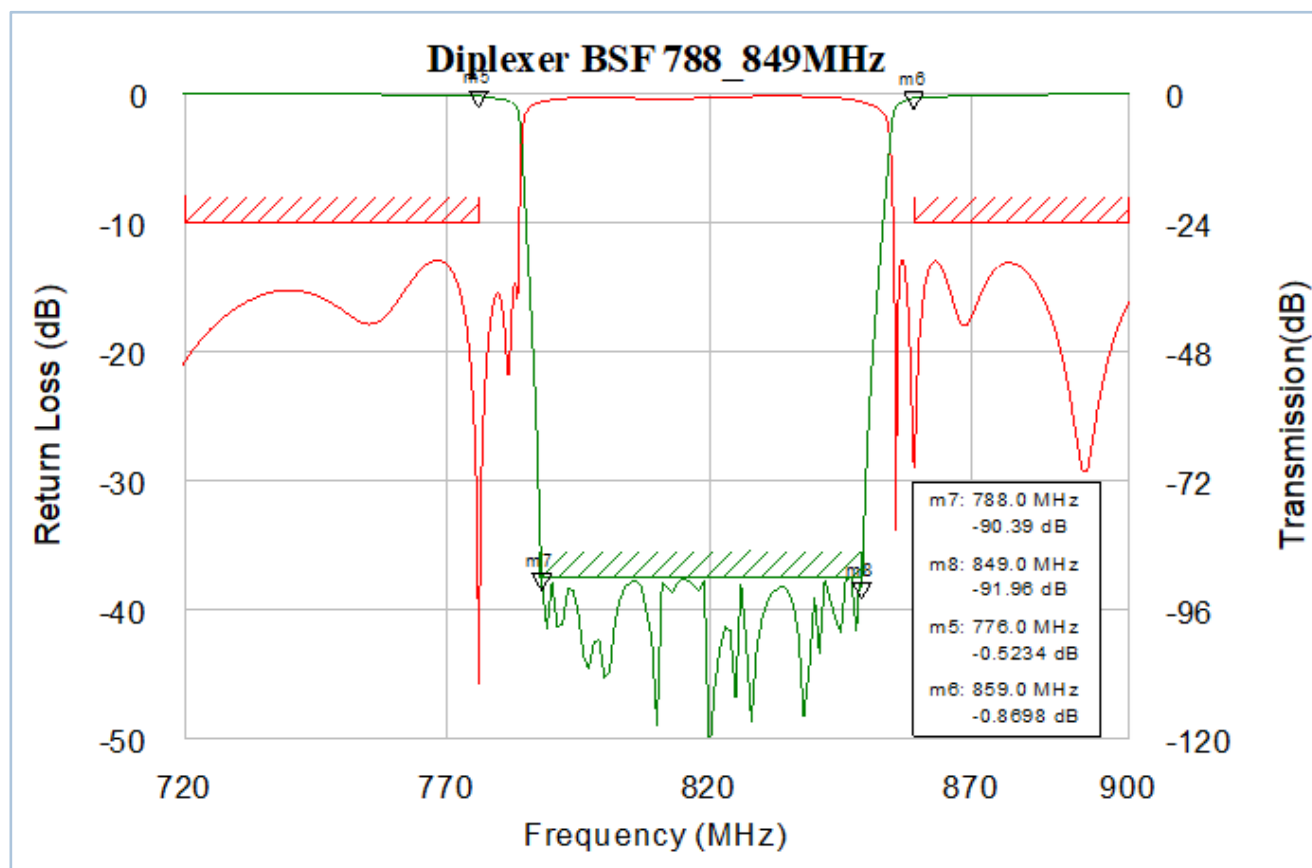
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Environmental

Temperature range	+15 °C to +40 °C
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Ingress Protection	IP63
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Passive Intermodulation (PIM)	2 x 43 dBm	< -117 dBm (< -160 dBc)
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