

Low PIM

High stop band rejection

High power handling

Diplexer 3400 - 3640 MHz – Band stop and band pass

Product number: ZEN – 500 – 200 – 12

Band pass filter	Frequency Range [MHz]	Requirement
Passband	3400 – 3640	
Return Loss	3400 – 3640	> 14 dB
Insertion Loss Max	3400 – 3640	< 2.0 dB
Rejection	0.009 - 3380	> 50 dB
Rejection	3660 - 7200	> 50 dB

Band stop filter	Frequency Range [MHz]	Requirement
Passband	0.009 – 3380	
	3660 - 7200	
Return Loss	0.009 – 3380	> 10 dB
	3660 - 7200	> 10 dB
Insertion Loss	0.009 – 3380	< 2.5 dB
	3660 - 7200	< 1.0 typical
Rejection	3400 - 3640	> 90 dB



Low PIM

High stop band rejection

High power handling

Diplexer 3400 - 3640 MHz – Band stop and band pass

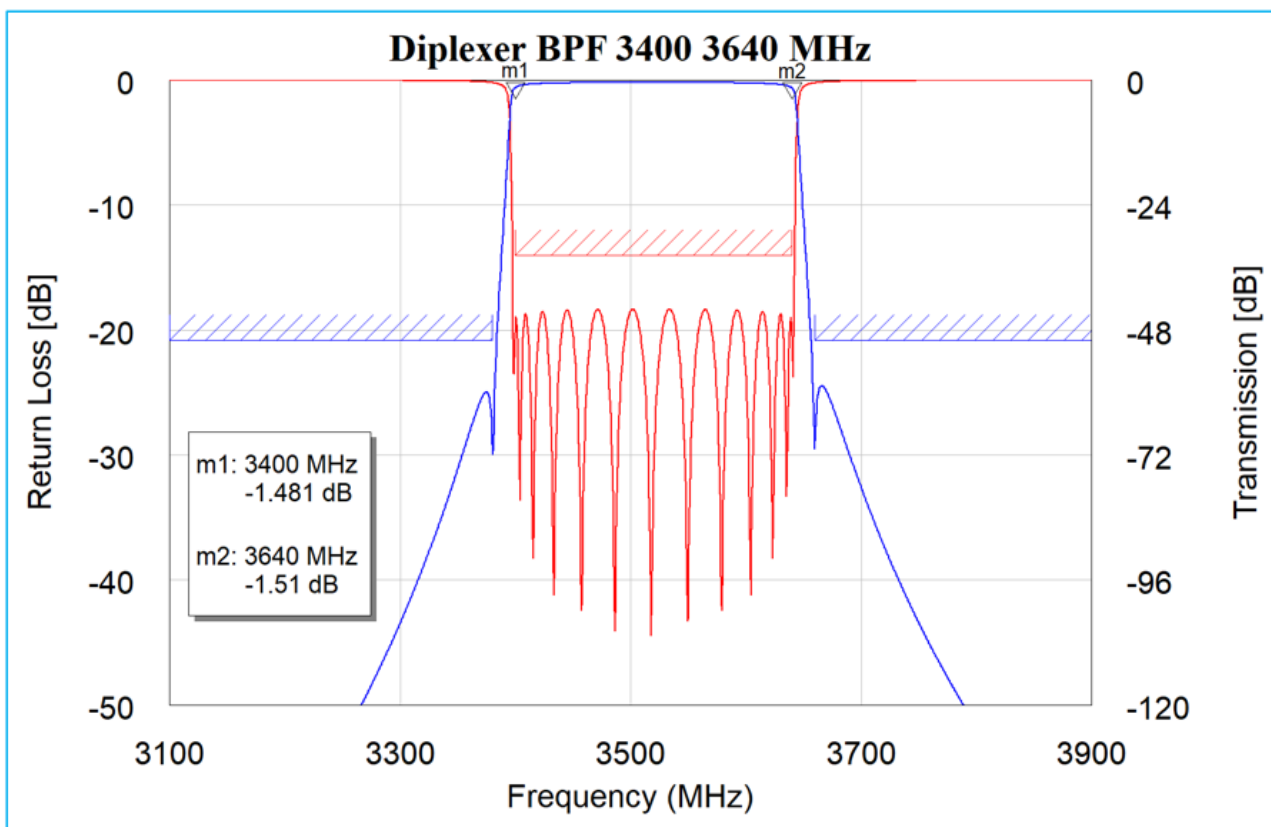
Product number: ZEN – 500 – 200 – 12

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

Passive Intermodulation (PIM)	2 x 43 dBm	< - 117 dBm (< - 160 dBc)
-------------------------------	------------	--------------------------------

Mechanical		
Dimensions	291 x 248 x 34 mm (including connectors)	
Connectors	4.3-10 (f) or N(f)	

Environmental		
Temperature range	+10 °C to +40 °C	
Ingress Protection	IP63	
Altitude	3000 m	



Diplexer 3400 - 3640 MHz – Band stop and band pass

Product number: ZEN – 500 – 200 – 12

