

QB 521 – QFN Fixed Bandpass Filter

BSC have developed a range of QFN packaged filters bringing together world leading fixed and tunable filter performance in industry standard 10mm x 10mm and 12mm x 12mm QFN packages. Harnessing over 30 years of BSC filter design expertise and proprietary in-house manufacturing capability, these filters can be designed and manufactured on extremely short lead times. Multi-channel switched filter banks, custom frequencies, and tuneable filter options available.

SPECIFICATIONS	
Passband	9.0 to 9.6 GHz
Passband Loss	4.5 dB max
Passband Return Loss	10 dB min
Passband Flatness	2dB typical
Rejection from 6000 to 8000 MHz	35 dB min
Rejection from 10300 to 13000 MHz	35 dB min
Dimensions	10mm x 10mm QFN Package

PIN LAYOUT & DIMENSIONS

10 X 10MM QFN PACKAGE	
PIN	FUNCTION
11	RF IN
44	RF OUT

12 X 12MM QFN PACKAGE	
PIN	FUNCTION
11	RF IN
50	RF OUT

