

## ZXLBQ-450-3N

N-type terminated compact bandpass filter

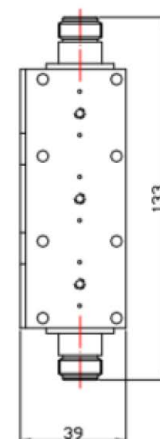
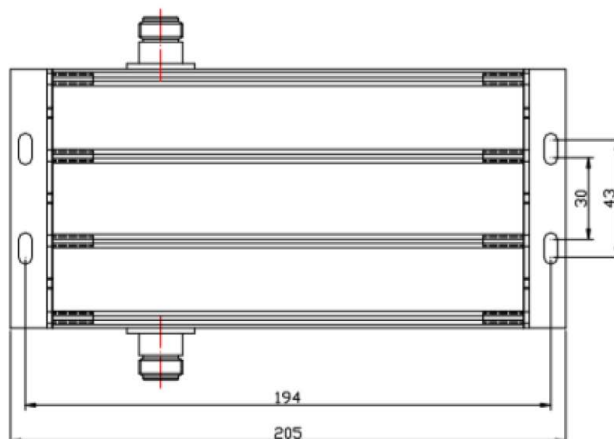
UHF 380-520 MHz



The ZXLBQ-450-3N compact UHF bandpass filter is suitable for either a fixed in-structure mounting within a rack utilising the fixed brackets. Alternatively the ZXLBQ-450-3N can be mounted inside your vehicle for portable UHF/TETRA communications systems

Broadband UHF antennas, cable assemblies, mounting hardware and installation accessories are all available separately.

Construction	Black outer aluminium body, mounting brackets and terminations
Frequency range	380-520 MHz - UHF
Bandwidth	1-10 MHz, specify when ordering
VSWR	1.3:1
Impedance	50 Ohms - nominal
Insertion loss	See performance plots - following page
Rejection	See performance plots - following page
Maximum input power	Each channel/Port <50 Watts
Input connector	N-type female
Output connector	N-type female
Weight	750grams
Dimensions	Height: 205mm x Width: 133mm x Depth 39mm
Suitable fixed position antennas	G45 - 380-520 MHz, specify 4% B/W, 3 dBd, 2.5m approx. CLU3 - 400-520 MHz, specify 1.5% B/W, 5.1 dBi, 1.7m approx. Other solutions available, consult ZCG.
Suitable mobile antennas	GID-MB4052-S - 400-520 MHz full band, 2.1 dBi, barrel spring base, 440mm GRUFC - 400-520 MHz, specify 15MHz B/W, 2.1 dBi, 1.1m approx. Other solutions available, consult ZCG.





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Typical response curve at 1MHz and 5MHz pass bandwidth

