

Duplexers

VHF

140 - 174 MHz

The ZSQ-150A Duplexer VHF filter is a 6 cavity duplex filter for radiotelephones or any VHF duplexed system. These models come in a 3 sub band range, each designed to work with a certain duplex spacing.

The filters have a very small physical dimension owing to the very high Q, helical resonators. The housing is made from extruded aluminium with a passivated steel chasis. The filter is black vinyl coated to prevent corrosion.

A selection of input and output connectors are available.

Specifications	ZSQ-150A
Frequency Range	140 - 174 MHz
Tunable frequency Range:	Low pass: 150 - 160 MHz, High Pass: 156 - 174 MHz
Insertion Loss:	1.0 dB
Minimum Input Power	50 watts
VSWR	1.5:1
Impedance	50 Ohms
Cavity Design	6 Cavity design
Connectors	N female
Dimensions (W x H x D)	15.5 x 22.5 x 3.5 cm
Weight	2.1 kg

