

## ZSGQ-450-10A

**SMA female terminated compact UHF Band-pass duplexer**  
**UHF 380-520 MHz**



The ZSGQ-450-10A compact UHF bandpass duplexer is suitable for UHF duplexed systems in a rack mounted or vehicle mounted installation.

The ZSGQ-450-10A comes configured with end mounting slots to accommodate all installation requirements, suitable for single side 19" rack mounting, wall or panel mounting.

Adaptors are available for alternate connector requirements. Contact us directly for assistance.



Construction	Black finish aluminium outer case and mount brackets and SMA female terminations
Frequency range	380-520 MHz - UHF
Bandwidth	Specify both Rx and Tx frequencies when ordering inside frequency range stated above
VSWR	≤1.3:1 - both Rx (low pass) and Tx (high pass)
Tuning	Factory tuned to your Rx/Tx requirements
Impedance nominal	50 Ohms
Rx -Tx minimum separation	10 MHz - specify requirements
Pass bandwidth	2 MHz
Insertion loss	≤2dB
Rx-Tx Isolation	≥80dB
Connector	3 x SMA female (SMA-F) - <i>can be terminated in N-female upon special request</i>
Maximum input power	50 Watts
Dimensions Suits 19" rack	Width: 177mm Depth: 98mm Height: 85mm
Weight	1.6kg
Operating temperature	-20°C to +60°C
Operating humidity	≤95%
Installation location	Interior locations only



Identified inputs Tx, Ant and Rx with 80dB isolation between ports



N-female terminations labelled input type and integrated mounting bracket



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Typical Response Curve

