

ZSGQ-450-K

N-type female terminated 1RU compact UHF cavity duplexer
UHF 380-520 MHz



The ZSGQ-450-K compact UHF cavity duplexer consists of:

- N-type female terminated
- 1RU case designed for 19" rack
- Ports identified Low, High and Ant
- Black powdercoat finish



Construction	Black powdercoat finish outer case and mount bracket and nickel plated terminations		
Frequency range	380-520 MHz - UHF		
Bandwidth specify	Low Pass (Rx) - specify High Pass (Tx) - specify		
Rx-Tx Split	Typical >3 MHz		
VSWR	<1.3:1		
Impedance nominal	50 Ohms		
Insertion loss	<2dB @ 3 MHz split	<1.2dB @ 5 MHz split	<1dB @ 10 MHz splitt
Rx-Tx Isolation	>80dB @ 3 MHz split	>80dB @ 5 MHz split	>85dB @ 10 MHz splitt
Connector	3 x N-type female on rear of unit - available in BNC female or UHF female (SO-239) on request		
Maximum input power	100 Watts		
Dimensions	Width: 482.6mm ; Depth: 250mm ; Height: 44.45mm (1RU)		
Weight	5kg		
Operating temperature	-20°C ~ +55°C		
IP Rating	Indoor IP40		



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Typical Test plots at 10 MHz Tx-Rx Split

