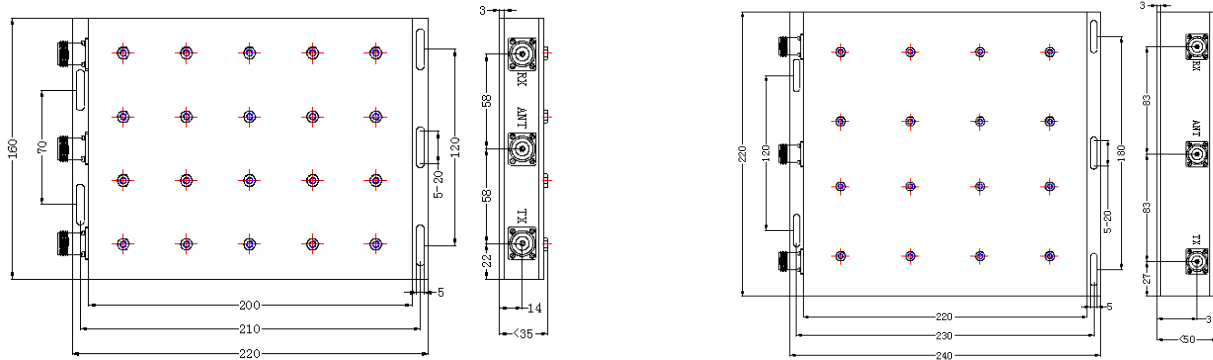


Model SHX-DUP Duplexer



Duplexer is the main parts of pilot frequency duplex radio and relay station, its effect is to isolate transmit and receive signals. To ensure receive and transmit can work at the same time. It is composed of two groups of different frequencies of band rejection filters, avoid the native emission signal transmission to the receiver, it is small with firm structure and high stability etc.

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(MHz)	Insertion Loss(dB)	Rejection (dB)	VSWR	Isolation (dB)	Connector Type	Dimension (mm)
SHX-DUP-791M-862M	RX:832-862MHz	≤1.2dB	≥60dB@DC-822MHz ≥60dB@872-4000MHz	≤1.58	≥50dB	N-50K	240×220×50
	TX:791-821MHz	≤1.2dB	≥60dB@DC-781MHz ≥60dB@831-4000MHz				
SHX-DUP-2500M-2690M	RX:2500-2570MHz	≤1.8dB	≥60dB@DC-2490MHz ≥60dB@2580-4000MHz	≤1.58	≥50dB	N-50K	220×160×35
	TX:2620-2690MHz	≤1.8dB	≥60dB@DC-2610MHz ≥60dB@2700-4000MHz				

NOMINAL IMPEDANCE: 50Ω

TEMPERATURE RANGE: +10°C~+30°C

Notes:

1. Dimensions Tolerance ±2%