

UHF DUPLEXER

MODEL : UD400M

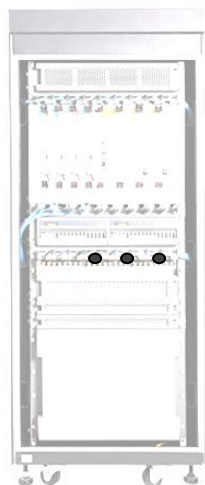


Features:

1. Wide frequency band
2. Good Flatness
3. Low VSWR
4. Small size

SPECIFICATIONS

- ◆ Frequency Range : 360-520MHz
- ◆ Band Width: 1MHz ~ 2MHz
- ◆ Tx/Rx pass band : >4MHz
- ◆ VSWR : $\leq 1.2 : 1$
- ◆ Insertion loss: $\leq 0.8\text{dB}$
- ◆ Power Rating : $\geq 100\text{W}$
- ◆ Impedance : 50Ω
- ◆ Connect type : N-male
- ◆ IP3 : $\leq -120\text{dBC}$ ($43\text{dBm} \times 2$)
- ◆ Dimensions : 19" standard 3U
- ◆ Operation Temperatures : $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- ◆ Weight : $1.5\text{kg} \pm 2\%$



The ALWAYS Telecom Model UD400Mduplexer allow simultaneous operation of a transmitter and receiver into a common antenna. These pass-reject duplexers are ideal for systems with very close frequency spacing of 1 MHz or more. The has two -wave pass-reject cavities in the transmitter and receiver sections. Because of their superior construction, these 6 cavity duplexers achieve greater rejection of transmitter spurious sand noise radiation, providing excellent receiver protection. All duplexers are tuned and tested with customer-specified frequencies prior to shipping. If frequency changes are required, the positive locking mechanism allows for easy field tuning by rotating the threaded Invar rod.

