



UHF 200 Watt SATCOM Diplexer / Combiner

PT # RF-TSD-243-318 V2



- **Allows simultaneous use of two UHF SATCOM Transceivers (200 Watts per channel) with one antenna. Built in 30 dB Low Noise Amplifier (LNA) per channel.**
- **No TX/RX switching, isolation between TX & RX bands takes place through custom filters ensuring compatibility with all of the fast switching communication modes**
- **Enhanced model with lower TX loss and higher RX signal to noise ratio in dual radio mode, Size: 8.35" W x 15.4" L x 6.875" H, Weight: < 25 LBS**
- **Custom Waterproof Enclosure w/ (3) N-type RF Female Connections, (1) MS-3112E8-2P Power Connector and (1) 3-position Power Switch w/ LED Power Indicator**
- **Frequency Range 243-270 MHz Receive, 292-318 MHz Transmit**
- **Three modes of operation: 1. Off; 2. Radio One Only (bypass the combiner and the LNA is on; 3. Radio One and Two (normal two radio operation).**
- **Ability to power the unit through local power connection or through the Radio 1 RF Connector via a Bias "T" circuit (9-28 VDC input)**
- **Great for use on Maritime Craft, Vehicles, Base Stations and other platforms that are limited for antenna space**