

SATCOM Diplexer/Combiner V2



Part #: TSE-RF-243-318-V2 (Diplexer)

Part #: TSE-RF-243-318-V2S (Diplexer w/Shock Mount)

The SATCOM Diplexer/Combiner allows simultaneous use of two UHF SATCOM Transceivers (200 Watts per channel) with one antenna. Enhanced model with lower TX loss and higher RX signal to noise ratio in dual radio mode. For use on Maritime Craft, Vehicles, Base Stations and other platforms with limited space.

Specifications	
Frequency Range	243-270 MHz Receive, 292-318 MHz Transmit
Switching	No TX/RX switching, isolation between TX & RX bands takes place through custom filters ensuring compatibility with all of the fast switching communication modes
Receive Gain	30 dB Low Noise Amplifiers (LNA), 1 per channel
Connectors and Switch	3ea N-type RF Female Connections, 1ea MS-3112E8-2P Power Connector & 1ea 3-position Power Switch w/ LED Power Indicator
Modes	1) Off; 2) Radio One Only (Combiner bypassed, LNA On); 3) Radio One and Two (Normal Operation)
Operating Power	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)
Enclosure	Waterproof
Operating Voltage	9-28 VDC
Dimensions	8.3"W x 15.4"L x 6.875"H
Weight	< 25 lbs.

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