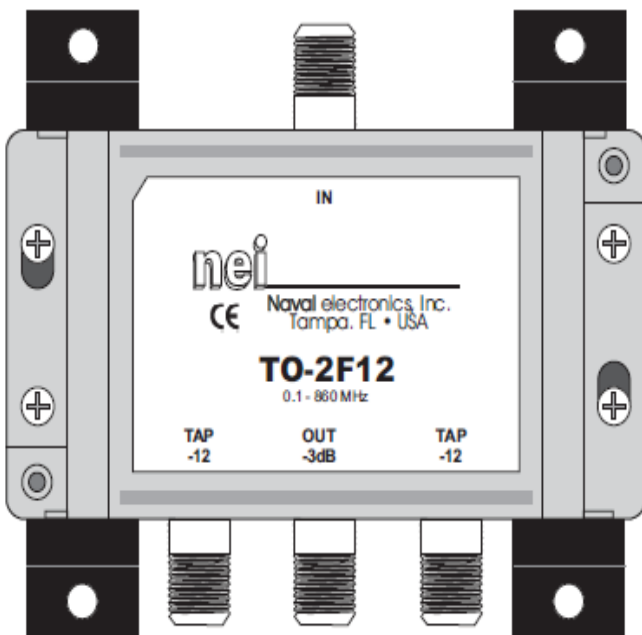
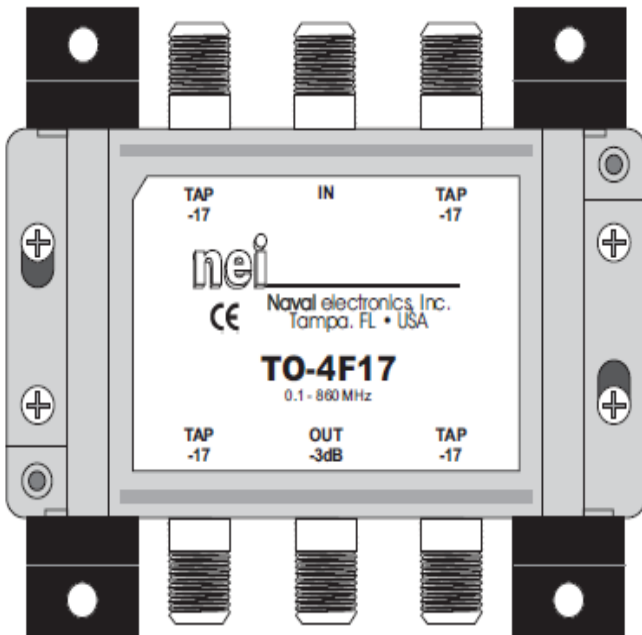


TO-4F and TO-2F Directional Couplers



The new series of directional couplers or “tap offs” are designed for Marine and MATV applications where the complete Radio and TV spectrum is passed throughout the vessel. They feature a robust insulated plastic mounting base to keep the distribution system isolated from ship’s ground and thus avoid problems associated with ground loops. The standoff base also allows more room for making cable connections. *Unused outlets must be terminated in 75ohm (TR-75F).*

Several values of tap isolation are available from 21 to 8 dB for use along branch lines as signal values fall and to help provide a balance of signal levels throughout the network. All “F” connectors are an integral part of the cast casings and allow the connecting cables to be wrench “torqued” without causing damage to the internal circuitry.

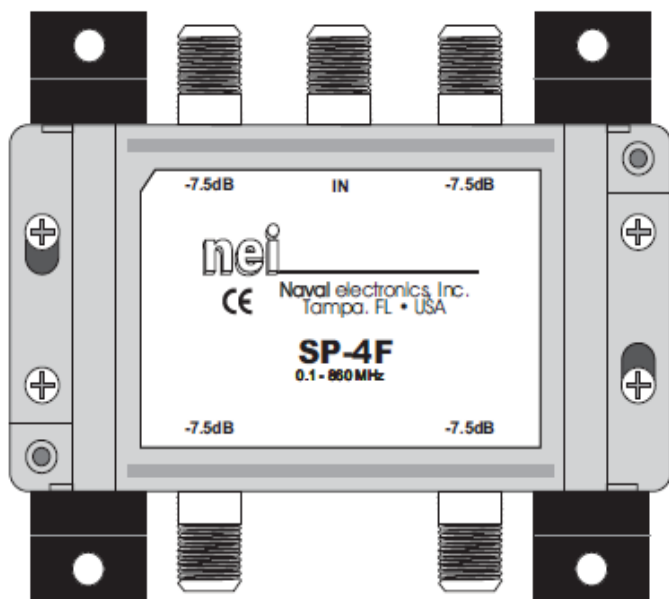
Specifications

TO-4F and TO-2F Directional Couplers

- Frequency Range: 100 kHz - 860 MHz
- Tap Isolation: 8 - 21 dB
- Directional Isolation: >17 dB
- Port to Port Isolation: >36 dB
- Return Loss: >20 dB
- Temp Range: -40+60 C
- Screening Factor: >75 dB
- Impedance: 75 ohm
- Through Loss: **TO-2F8 -3.8dB**
TO-2F12 -2.8dB
TO-2F17 -1.2dB
TO-2F21 -1.2dB
TO-4F10 -4.5dB
TO-4F12 -4.0dB
TO-4F17 -2.8dB
TO-4F21 -2.8dB

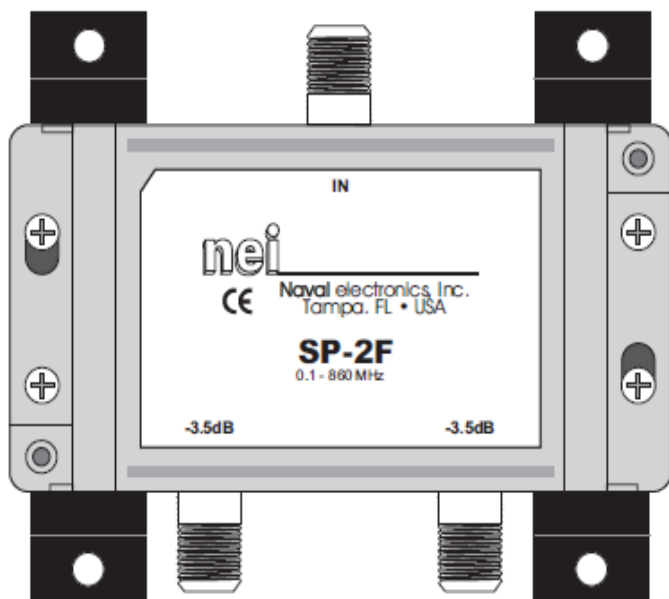
Naval Electronics, Inc

Passive Splitters SP-2F and SP-4F



The new series of Passive Splitters are designed for Marine and MATV systems and especially to work with the 4000 series system as they pass both Radio and TV frequencies from 100 kHz to 860 MHz.

They feature a robust insulated plastic mounting base to keep the distribution system isolated from Ship's ground and thus avoid problems associated with ground loops. The standoff base also allows more room for making cable connections. All "F" connectors are an integral part of the cast casings and allow the connecting cables to be wrench "torqued" without causing damage to the internal circuitry. *Unused outlets must be terminated in 75ohm (TR-75F).*



Specifications Passive Splitters SP-2F and SP-4F

- Frequency Range: 100 kHz-860 MHz
- Splitter Loss 4-way: 7.5 dB
- Splitter Loss 2-way: 3.5 dB
- Impedance: 75 ohm
- Isolation port to port: >20 dB
- Return Loss: >20 dB
- Temp Range: -40+60 C

Naval Electronics, Inc