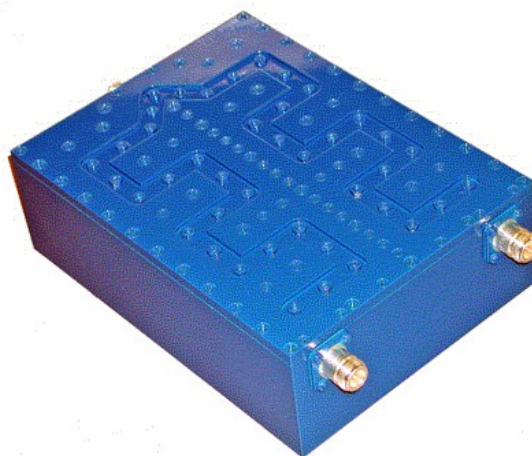


# AWS Fullband Diplexer



## 2DP-AWS-45

Reactel, Incorporated's AWS Fullband diplexer covers the passbands of 1710 - 1755 MHz and 2110 - 2155 MHz. It can withstand power levels of up to 500 W while maintaining low loss and high selectivity specifically in the AMPS and PCS bands. This unit can be outfitted for outdoor use to withstand harsh environmental conditions.



## Electrical Specifications

Rx Passband	1710 – 1755 MHz, minimum
Tx Passband	2110 – 2155 MHz, minimum
Insertion Loss	≤ 0.5 dB @ Passbands
Return Loss	≥ 17 dB @ Passbands
Channel to Channel Isolation	≥ 80 dB
Power	500 W CW, 12 kW peak
IMD	≤ -120 dBc
Operating Temperature	0° to +65° C
Connectors	Type N or 7/16 DIN Female
Size	1.45" x 3.5" x 6.3" nominal

**Reactel, Incorporated - Reacting First to Your Filter Requirements**

8031 Cessna Avenue • Gaithersburg, Maryland 20879

Phone: 301-519-3660 • Fax: 301-519-2447 • [reactel@reactel.com](mailto:reactel@reactel.com) • [www.reactel.com](http://www.reactel.com)