

ADMOTECH Co., Ltd.

CEO	Lee Chang Hwa	Phone	+82-42-936-1353
E-mail	sales@admotech.com		
Address	37-10, Techno 1-ro, Yuseong-gu, Daejeon 34015, south Korea		
major business	High power microwave modules and devices (ISOLATOR, FILTER, CIRCULATOR, RF Switch, RFEU)		

ADMOTECH produces various types of RF components and modules used for wireless systems and radar systems based on microwave technology, specializes in developing and selling RF components such as high power and broadband isolators/circulators, cavity filters/duplexers, RF switches. ADMOTECH is a specialized company that develops and sells modules used for high power systems of KW units such as plasma systems and accelerator systems using related technologies.

Products



High Power Water Cooling Circulator

Use
Protect of signal Source (Amplifier)

Description
Center Frequency 81.25 MHz
Power Capability: 3 kW
Water Cooling, Stripline type



High Power Directional Coupler

Use
High power sensing

Description
Center Frequency 160~165 MHz
Power Capability: 6 kW
Coupling value -40 dB



High Power Water Cooling Circulator

Use
Protect of signal Source (Amplifier)

Description
Center Frequency 325 MHz
Power Capability: 6 kW
Water Cooling, Stripline type



High Power Water Cooling Waveguide Isolator

Use
Protect of signal Source (Amplifier)

Description
Center Frequency 2.45 GHz
Power Capability: 5 kW
WR340, Waveguide type with Water Load

Technical Capacity

» Electric Field Analysis and Design Techniques

- Derive optimal circulation conditions through electric field analysis
- Material selection according to frequency response characteristics
- Design with excellent voltage resistance characteristics due to high power authorization

» High power thermal analysis techniques

- Internal thermal analysis and corresponding cooling structure design technology according to high power authorization
- Various interfaces can be selected for high power
- Water Load design production technology

» Build ourself design and production/inspection equipment

- Consistent production lines such as design, production, testing, inspection, etc
- Composed of a rich line-up of products for 20 years, including Industrial/Military/Mobile Telecommunication for products