

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



Use
Protect of signal Source(Amplifier)

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



Use
High power sensing

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



Use
Protect of signal Source(Amplifier)

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



Use
Protect of signal Source(Amplifier)

Description
Center Frequency 2.45GHz
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