

# Company Profile

Marvelous Microwave



## OUR MISSION

### High Quality

MVE have the highest standard QC, and all our products will be produced on a basis of your need. From customize every single specification and sample, to the formal manufacturing process, are all under our strict guard, because the standardization of product is our key target.

### Reasonable Pricing

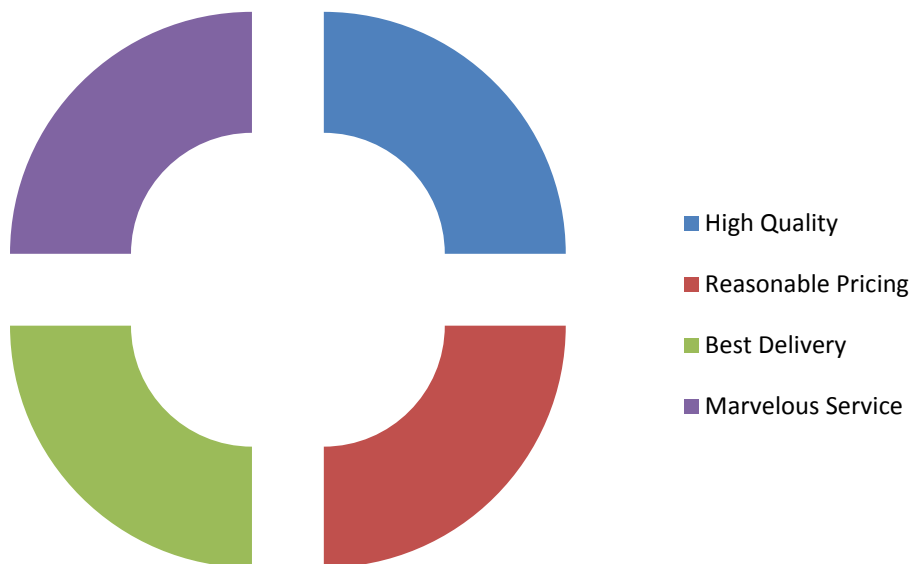
Lower and Lower cost + Reasonable profit = Our Best Pricing

### Best Delivery

Almost of our standard product is supply from stocks.

### Marvelous Service

Our Sales team with expert selling-experience would be pleased to suggest the turnkey solution for your environment, quality, or delivery problems...etc.



**Marvelous hope to be your best partner, and will be your most reputable friend.  
You can contact us whenever you need our product information or assistance.**

## OUR TEAM MEMBER



Markets & Products has global responsibility for product development, marketing and sales.

International Sales is responsible for directly contact with end users and customers via distributors, online sales, and mail order. And it is a unit which is responsible for the group's development, marketing and sales.

Global Supplier Chain is the business area responsible for the group's supply chain- from procurement and production to shipping.

Finance is responsible for financial management and controlling as well as follow up on business planning and strategic initiatives.

## OUR PRODUCTS

### Amplifier

Low Noise Amplifier : Broad band , high gain , high isolation to meet all of your environment.

### Attenuator

**MVE** coaxial fixed attenuators are mainly used to reduce RF Level of RF Signals by a stable attenuation value in order to measure output signal power level or protect received device. Each performance will within the defined limit from  $-55^{\circ} \sim 125^{\circ}$  . The power level is between 0.5watts to 300 watts. Various connector type and attenuation values could be to satisfy your needs. Higher power models and other attenuation values are available as well



### Adapter

**MVE** coaxial adapters series are including standard type APC-7,SMA, BNC, N, MCX, MMCX, TNC, SMB, SSMB, SMP and Precision type 2.4mm, 2.9mm , 3.5mm ,which connect in series or between series type connector. Body material is used by stainless, brass with plating of gold or nickel for rugged construction.

Additionally, including Right Angle, Radius Swept, Bulkhead, Flange type are also available.



### Connector

**MVE** connectors are designed for excellent performance up to 26GHz. There are used to solder with PCB (Launchers, receptacles, or PC mount) and assembly with coaxial cable (flexible, semi-flex, semi-rigid, rigid) available. You can refer to following production information, and call us for sample test.

### Cable/Cable Assembly



**MVE** standard coaxial cable can offer not only inexpensive cost but also a lot of variety models to meet your needs. The overall diameter of flexible series are including 0.071 inch(RG178) , 2.59mm(RG316) , 2.93mm(RG316 Double Shielding), 0.085inch(SS405) , 0.141inch(SS402); Semi-flex series are including 0.047inch(semi-flex .047); 0.085 inch (semi-flex RG405); 0.141inch(Semi-flex RG402);

Semi-rigid series are including 0.047inch(semi-rigid .047); 0.085 inch (semi-rigid RG405); 0.141inch (Semi-rigid RG402).

Beside, MVE can offer customized services (including connector type, cable length) and support the optimization of cable assembly.

## Circulator/Isolator

**MVE** circulator is a passive non-reciprocal three port device, in which RF signals power entering any port is transmitted to the next port in clockwise rotation. Isolator has two ports only. RF signals power is transmitted from port 1 to port 2 but blocks the signals from port 2 to port 1.

## Power Divider / Hybrid

**MVE** power dividers are used in a wide variety of applications and cover narrow and broad frequency ranges between DC to 26.5GHz. These offer a comprehensive selection of 2-way through 8-way power divider in SMA, N and 2.9mm connector types with average power ratings from 2 to 30 watts.

## Directional Coupler

**MVE** directional couplers are used in a wide variety of applications. The coaxial directional couplers are available with SMA or N connectors. The frequency ranges between 0.5 to 18GHz, in power levels up to 100 Watts CW, and offer standard coupling values of 6, 10, 20 and 3 dB.

## DC. Block

**MVE** DC blocks contain capacitance in-series with the center conductor to prevent the flow of DC current. These are available in inner, outer and inner/outer DC block functions. The frequency covers from DC to 26.5GHz. Available in SMA, N, BNC connector.

## Filter/Duplexer

**MVE** filters offer the industry's largest portfolio of high-performance RF and microwave filters and related products. The specialization in custom designed RF & Microwave filters can offer the best solutions to meet your needs. MVE's goal is to provide high-quality and cost-effective solutions for our customers.

The series of MVE's filter as below:

Lowpass, Highpass, Bandpass, Notch filter, Tunable notch filter,  
Switch filter box(customized)

## Termination

**MVE** terminations are available with operating frequencies from through 50GHz and are used to prevent reflection from unused ports. The connectors are available mostly in SMA, BNC, N, TNC...etc, they are capable of handing RF power up to 500 watts average.



## Transformer/Matching Pad

**MVE** matching pads are generally used to interconnect systems with 75 ohm characteristic impedance with 50 ohm test equipment. The connector series are available in type BNC, F, N, TNC and SMA. Their insertion loss is 5.7 dB with an accuracy of + or - 0.5 dB and a VSWR of 1.2:1 at low frequencies and 1.35:1 at higher frequencies. Transformers have lower insertion loss than minimum-loss pads.

## Switch

**MVE** switches provide high quality RF and Microwave coaxial switches, the frequency range support from DC to 18GHz. These are available in SPDT, SP3T, SP4T,....SP10T with failsafe, normally open, TTL...etc functions.

## OUR PARTNER

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