



Waveguide Cable Waveguide To Coaxial Microwave Antenna Accessories

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Famous
- Certification: CE ISO9001
- Model Number: Waveguide-Cable
- Minimum Order Quantity: 1 SET
- Price: Negotiable
- Packaging Details: Standard export packaging/customizable packaging
- Payment Terms: T/T L/C



Product Specification

- Name: Waveguide Cable
- Highlight:
 - Waveguide To Coaxial microwave antenna accessories
 - Waveguide Cable microwave antenna accessories
 - Microwave Waveguide Cable Waveguide To Coaxial

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Product Description

Flexible Waveguide

Flexible waveguides are specialized transmission lines used in microwave systems to route electromagnetic waves between components. They offer the versatility to bend around obstacles without significant signal loss, making them ideal for complex installations where rigid waveguides cannot be used. These flexible sections are essential for customizing microwave system layouts, ensuring optimal performance and reliability in a variety of applications, including telecommunications, radar, and satellite systems.

Key Features

Versatile Waveguide Sizes: Accommodates a wide range of system requirements with sizes from WRD84 to WRD180.

Extended Length Options: Offers lengths up to 600mm, providing ample flexibility for custom system configurations.

Low VSWR: Features a Voltage Standing Wave Ratio (VSWR) of 1.3, ensuring minimal signal reflection and loss.

Twistable and Non-Twistable Types: Available in both flexible twistable and non-twistable designs to suit various installation needs.

High Power Handling: Engineered to manage high power levels, suitable for demanding microwave applications.

Customizable Flange Options: Provides cover and grooved flange designs, enhancing mechanical compatibility and ease of integration.

Rapid Delivery: Guarantees quick delivery times, meeting the urgent needs of modern microwave communication projects.

Application Areas

Telecommunications: Enhances the layout flexibility of cellular base stations, repeaters, and broadcasting equipment.

Radar Systems: Facilitates precise and efficient signal routing in air traffic control, maritime, and weather radar installations.

Satellite Communication: Enables adaptable connection solutions for ground stations and satellite uplinks/downlinks.

Research and Development: Supports experimental setups in laboratories, allowing for versatile system design and modification.

Military and Defense: Provides robust and flexible signal routing options for mobile communication units and electronic warfare systems.

Freq	Interface1	Interface2	length	VSWR	Insertion Loss	Peak Power	Min Bend Radius
MHz			mm	Max	dB	Kw	mm
5.9~7.1	BJ70	N	1200	1.30	1.20	30	100
7.1~10.0	BJ84	N	1200	1.30	1.20	30	100
7.1~10.0	BJ84	N	900	1.30	0.90	30	100
X-Band	Non-standard	SMA	150	1.20	0.50	30	30



Wuxi Famous Communication Equipment Co., Ltd.

+86 13255118228

eric@mw-antenna.com

mw-antenna.com

Room 803, Wisdom Building, No. 18 Wisdom Road, Huishan Economic Development Zone, Huishan District,
Wuxi City, Jiangsu Province, China