

Flexible Waveguide Cable

WR-6.5/110-150GHz

Model: FW-WR06WR06-0.2m

FW-WR06WR06-0.2m is a flexible waveguide cable that covers the frequency range of 110 to 150 GHz. The flexible waveguide cable includes two WR-6.5 waveguide ports with UG-387/U-M anti-cocking flange.

Features:

- Operating Frequency 110 to 150GHz
- VSWR: 1.9:1 Typ
- Insertion loss: 6dB Typ
- Low cost
- Fast delivery time

Applications:

- Test Lab
- Instrumentations
- System setups

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	110		150	GHz
VSWR		1.9		:1
Insertion Loss		6		dB
Power Handling		4 CW		W

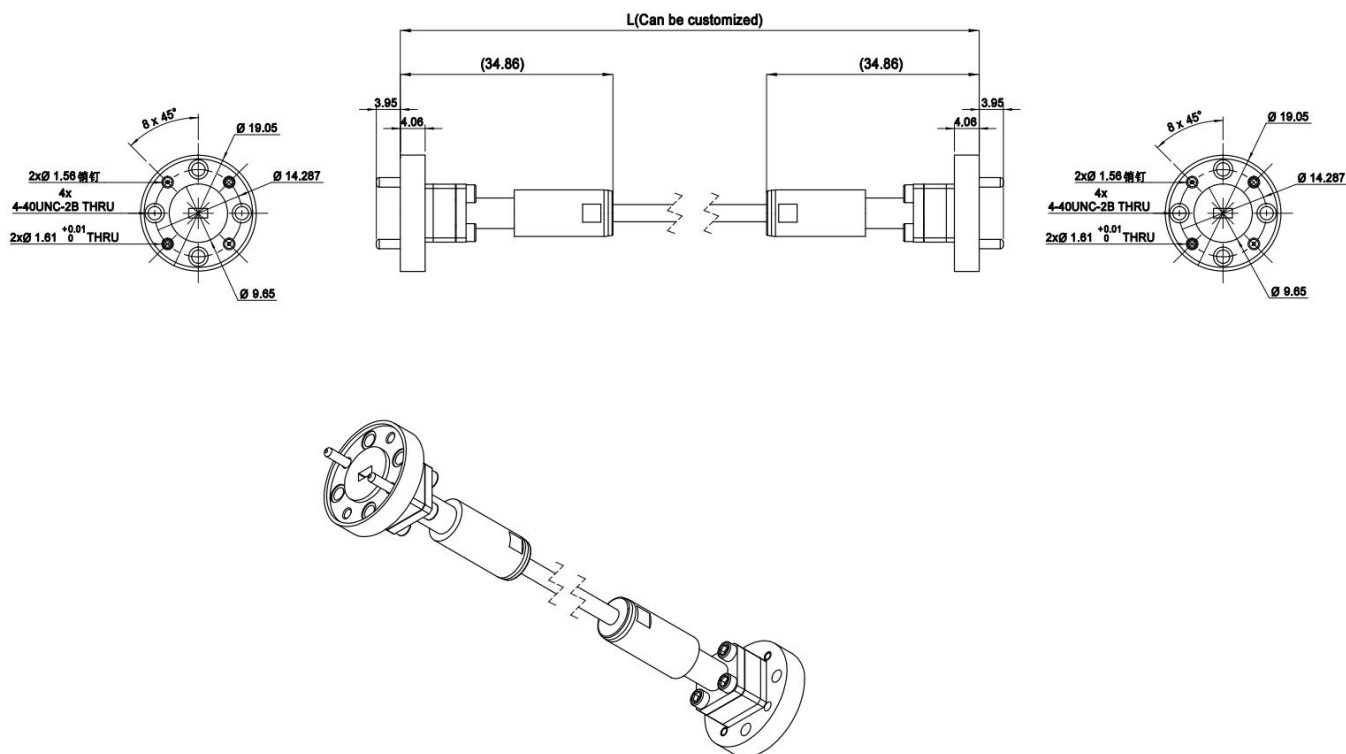
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	+25	°C
Non-operating Temperature	-55~+165	°C
Minimum Bending Radius	25	mm
Waveguide Connector	WR-6.5/UG-387/U	
Length*	0.2	m

*Note:Length can be customized.

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

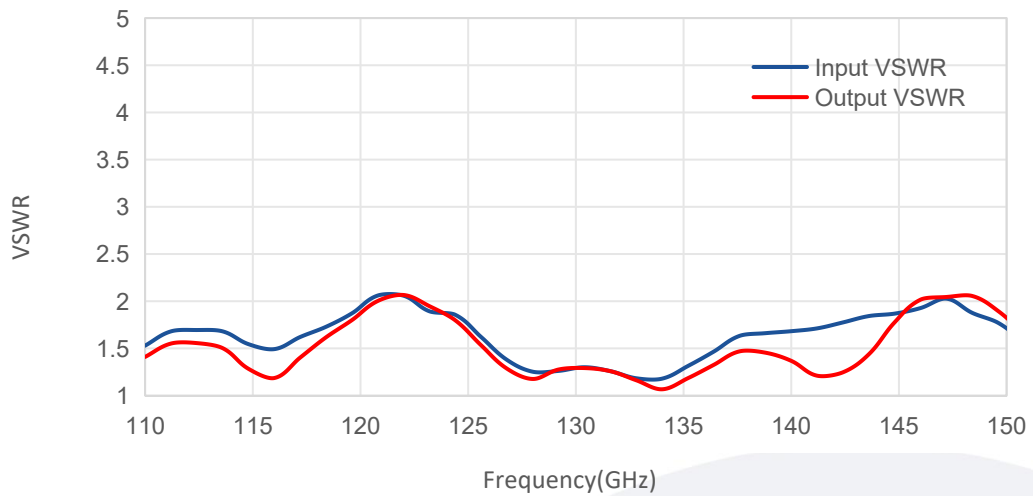
Ordering Information:

Base Number		Description
FW-WR06WR06-0.2m		Flexible Waveguide Cable, 110-150GHz, WR-6.5, Length can be customized

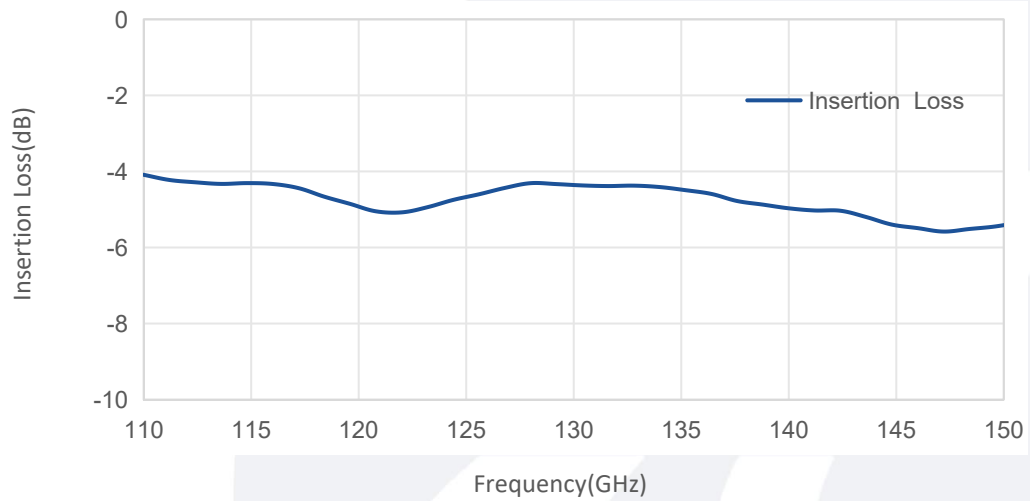
Typical Performance Data:

Length=0.2m:

VSWR vs Frequency



Insertion Loss vs Frequency



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.