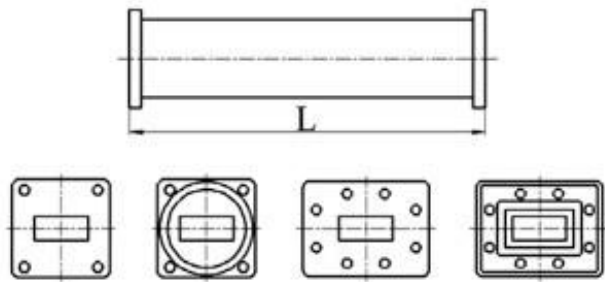





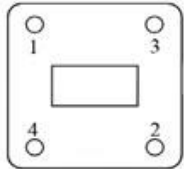


- Low VSWR ,Low loss
- Good flexibility and twistability
- Stable performance during flexing and twisting



<b>Electrical Specifications</b>	
Operation Frequency Band	7.05~10.00GHz
Insertion Loss	0.30dB/m
VSWR	1.10
Average Power	1.26 kW
Peak Power	315kW
<b>General Specifications</b>	
Waveguide Size	WR112 WG15 R84
Interface	UDR84/PDR84
Length (L)	100 ~ 2000mm
Jacket	Silicone Rubber /Polysulfide Sealant
<b>Mechanical Specifications</b>	
Maximum Twist	262deg/m
Minimum Bend Radius (E Plane)	76mm
Minimum Bend Radius (H Plane)	152mm
<b>Environmental Specifications</b>	
Operation Temperature	-40℃ ~ +75℃
Storage Temperature	-55℃ ~ +85℃

Installation Instructions for Rectangular Flex-Twist Waveguide

	
<p><b>1. Store</b> Waveguide should be stored in dry and clean environment and covered by flange caps.</p>	
<p><b>2. Fit Port</b> Adjust twist angle gently and softly to fit port. Wrenching flanges directly is forbidden.</p>	
<p><b>3. Connect Port</b> Keep the length of slack condition when connecting port. Pay attention to the minimum bend radius and maximum twist angle.</p>	
<p><b>4. Install</b> Install screws diagonally.</p>	

Molexy reserves the right to change this Datasheet without notice!