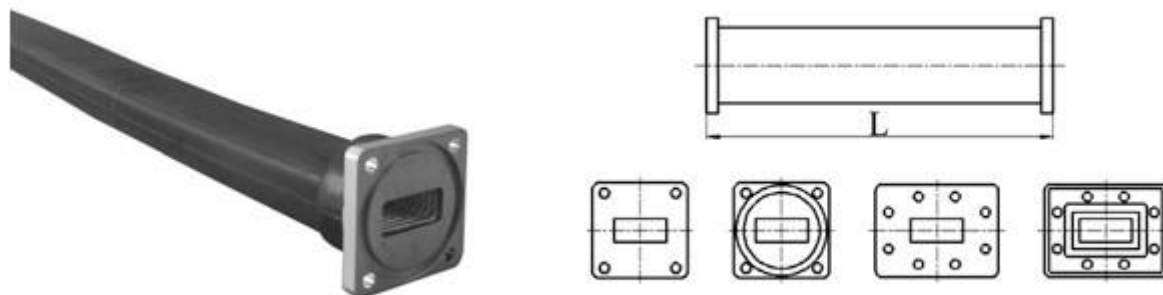





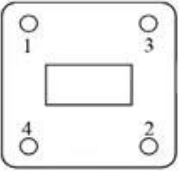


- Low VSWR ,Low loss
- Good flexibility and twistability
- Stable performance during flexing and twisting



Electrical Specifications	
Operation Frequency Band	8.2~12.4GHz
Insertion Loss	0.40dB/m
VSWR	1.15
Average Power	0.96 kW
Peak Power	180kW
General Specifications	
Waveguide Size	WR90 WG16 R100
Interface	UBR100/PBR100 UDR100/PDR100
Length (L)	100 ~ 2000mm
Jacket	Silicone Rubber /Polysulfide Sealant
Mechanical Specifications	
Maximum Twist	308deg/m
Minimum Bend Radius (E Plane)	66mm
Minimum Bend Radius (H Plane)	120mm
Environmental Specifications	
Operation Temperature	-40℃ ~ +75℃
Storage Temperature	-55℃ ~ +85℃

Installation Instructions for Rectangular Flex-Twist Waveguide

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

Molexy reserves the right to change this Datasheet without notice!