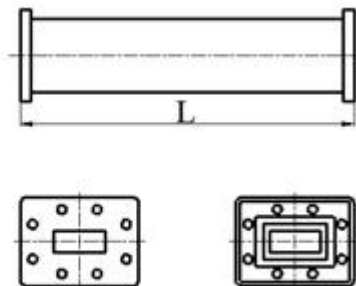





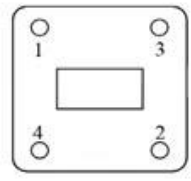


- Low VSWR ,Low loss
- Good flexibility and twistability
- Stable performance during flexing and twisting



Electrical Specifications	
Operation Frequency Band	4.90 ~ 7.05GHz
Insertion Loss	0.20dB/m
VSWR	1.10
Average Power	2.5kW
Peak Power	1100kW
General Specifications	
Waveguide Size	WR159/WG13/R58
Interface	UDR58/PDR58
Length (L)	100 ~ 2000mm
Jacket	Silicone Rubber /Polysulfide Sealant
Mechanical Specifications	
Maximum Twist	185deg/m
Minimum Bend Radius (E Plane)	116mm
Minimum Bend Radius (H Plane)	232mm
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!