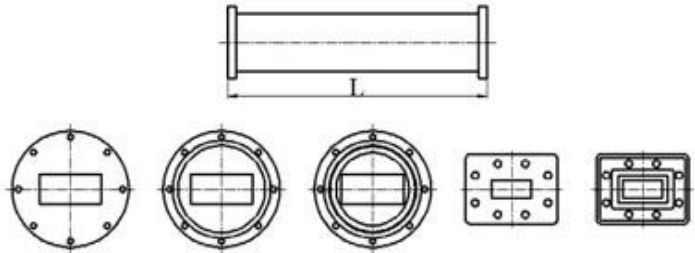





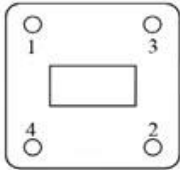


- Low VSWR ,Low loss
- High power performance
- Good flexibility
- Preform to be a desired shape



Electrical Specifications	
Operation Frequency Band	3.95 ~ 5.85GHz
Insertion Loss	0.24dB/m
VSWR	1.10
Average Power	6.5kW
Peak Power	1.0MW
General Specifications	
Waveguide Size	WR187 WG12 R48
Interface	UAR48/PAR48/CAR48 UDR48/PDR48
Length (L)	80 ~ 1300mm
Jacket	Silicone Rubber /Polysulfide Sealant
Mechanical Specifications	
Minimum Bend Radius (E Plane)	160mm
Minimum Bend Radius (H Plane)	332mm
Maximum Pressure	0.2MPa
Environmental Specifications	
Operation Temperature	-55℃ ~ +85℃
Storage Temperature	-55℃ ~ +85℃

Installation Instructions for Seamless Flexible Waveguide

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

Molexy reserves the right to change this Datasheet without notice!