

## 可扭矩形软波导·Flexible Twist Rectangular Waveguide



WR-42 Flexible Twist Rectangular Waveguide  
with PBR Flanges from 18.0 - 26.5 GHz

**FTR220-S-900-PBR/PBR**

### 电性能 Electrical Specifications

| 描述 Description             | 参数 Data     |
|----------------------------|-------------|
| 频率 Frequency Range (GHz)   | 18.0 - 26.5 |
| 电压驻波比 VSWR                 | 1.25        |
| 插入损耗 Insertion Loss (dB/m) | 2.6         |
| 平均功率 Average Power(kw)     | 0.1         |

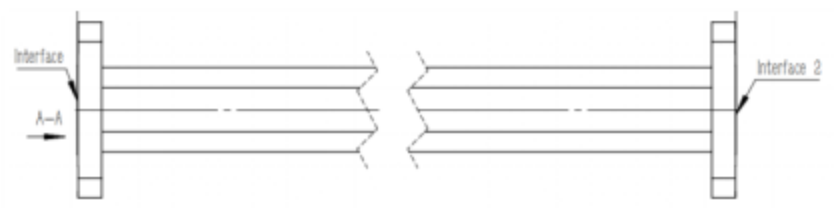
### 机械性能 Mechanical Specifications

|   |              |
|---|--------------|
| E 面最小弯曲半径 Min Bend Radius, E plane (mm)     | 38           |
| H 面最小弯曲半径 Min Bend Radius, H plane(mm)      | 76           |
| E 面重复弯曲半径 Repeated Bend Radius, E plane(mm) | 152          |
| H 面重复弯曲半径 Repeated Bend Radius, H plane(mm) | 304          |
| 最大扭转角度 Max Twist Angle(deg/m)               | 510          |
| 气密性 Pressurization (psi)                    | 10           |
| 组件长度 Length(mm)                             | 900          |
| 工作温度 Operation Temperature                  | -40°C ~ 75°C |
| 储存温度 Storage Temperature                    | -55°C ~ 85°C |

### 通用性能 General Specifications

| 描述 Description | 法兰 1 Flange1       | 波导 Waveguide         | 法兰 2 Flange2 |
|----------------|--------------------|----------------------|--------------|
| 接口 Interface   | PBR                | BJ220/WR42/WG20/R220 | PBR          |
| 材料 Material    | 黄铜 Brass           |                      |              |
| 护套 Sheath      | 硅橡胶 Silicon Rubber |                      |              |

### 图纸 Drawing



### 规格认证 Compliance Certification

**ISO 9001 : 2015**