



**Technical Data Sheet**

**Features**

- WR137 (R70, WG14) operating frequency 5.85 - 8.2 GHz
- Flexible and twistable
- Flexible in both E and H plane
- Neoprene Rubber Jacket
- Brass Flanges
- CPRG/CPRG Flanges

**Electrical Specifications**

Frequency	Insertion Loss	VSWR		Power Rating
Operating	Maximum	Maximum <36 in.	Maximum >36 in.	Watts
5.85 - 8.20 GHz	0.06 dB/ft.	1.07	1.11	1700

**Mechanical Specifications**

Waveguide Size ----- WR137 (R70, WG14)  
 Design ----- Flexible and Twistable  
 Length ----- 30 inches  
 Static Bending Radius Rating Minimum, E-Plane ----- 4.0 inches  
 Static Bending Radius Rating Minimum, H-Plane ----- 8.0 inches  
 Repeated Bending Radius Rating Minimum, E-Plane ----- 16 inches  
 Repeated Bending Radius Rating Minimum, H-Plane ----- 32 inches  
 Static Twisting Rating Maximum ----- 64 +/- deg/ft  
 Repeated Twisting Rating Maximum ----- 16 +/-deg/ft  
 Static Length Tolerance ----- 0.13 (1%) +/- inches/foot  
 Static Internal Pressure Rating Maximum ----- 30 psig