



Rectangular Waveguide WR 137 E-Bend 90 degree,  
flanges CPR137G/CPR137G, f= 5.38-8.17 GHz,  
VSWR max 1.06, A=100mm (4"),  
gasket and screw kit enclosure  
body made out of brass or copper and flanges made out of brass



**FEATURES / BENEFITS**

Waveguide installation

- The rectangular waveguide component provides simple installation in particular difficult cases
- It can be installed where less space is available
- It provides outstanding electrical performance

**Technical features**

**STRUCTURE**

|   |  |                 |
|---|--|-----------------|
| Type of Rectangular Waveguide Component |  | Bend in E-Plane |
| Waveguide Size IEC (EIA)                |  | R70 (WR137)     |
| Flange A                                |  | CPR137G         |
| Flange B                                |  | CPR137G         |
| Flange Finish                           |  | Brass un-plated |
| Package Quantity                        |  | 1               |

**ELECTRICAL SPECIFICATIONS**

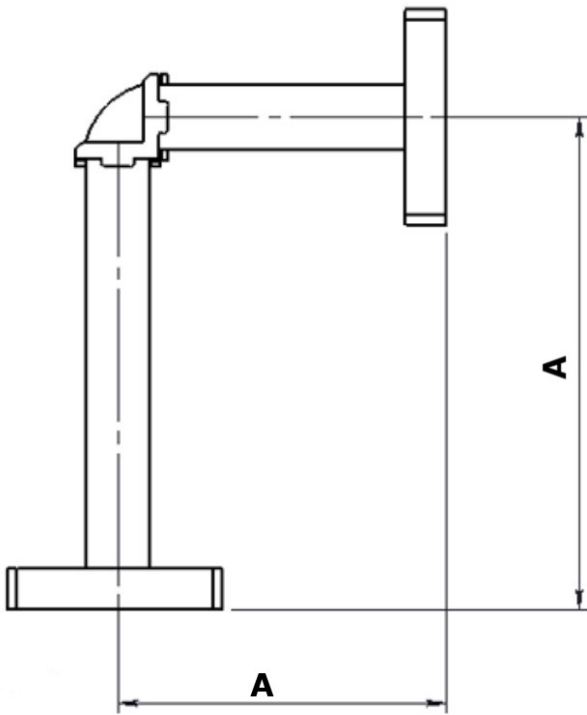
|                                 |           |             |
|---------------------------------|-----------|-------------|
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 30.7 (1.06) |
|---------------------------------|-----------|-------------|

**MECHANICAL SPECIFICATIONS**

|            |         |         |
|------------|---------|---------|
| Bend/Twist | degree  | 90      |
| Length     | mm (in) | 100 (4) |

**MATERIAL**

|          |  |       |
|----------|--|-------|
| Material |  | Brass |
| Color    |  | White |



Design with casted bend



Design with accurate waveguide bend



External Document Links

Notes