



Twistable and flexible rectangular waveguide R260, with PBR/PBR 260 flanges. Length = 1.2m, core with environmental impact resistant molded rubber jacket. Hardware and gasket (for PDR/PBR flanges) included.

FEATURES / BENEFITS

Waveguide installation

- The flexible and twistable rectangular waveguide component eliminates installation difficulties
- It isolates vibration
- It provides simple aid to positioning of antennas

**Technical features****STRUCTURE**

| | | |
|---|--|-----------------|
| Type of Rectangular Waveguide Component | | TwistFlex |
| Waveguide Size IEC (EIA) | | R260 (WR34) |
| Flange A | | PBR260 |
| Flange B | | PBR260 |
| Flange Finish | | Brass un-plated |
| Package Quantity | | 1 |

ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------------|-----------|-------------|
| Frequency Range | GHz | 21.7 - 33 |
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 19.4 (1.24) |
| Attenuation | dB | 1.8 |
| Power rating | W | 100 |

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------------|-------------------------|-------------|
| Maximum Twist | degree/m (degree/ft) | 360 (110) |
| Minimum Bending Radius E-Plane | mm (in) | 35 (1.4) |
| Minimum Bending Radius H-Plane | mm (in) | 64 (2.5) |
| Length | mm (in) | 1200 (47.2) |
| Weight | kg (lb) | 0.33 (0.73) |

MATERIAL

| | | |
|----------|--|---|
| Material | | Core: Brass silver plated Jacket: Rubber Silicone Flange: Brass |
| Color | | Black |

External Document Links

[AN 030707-8 Application note for RFS Twistflex](#)

Notes