

## TwistFlex PBR/UBR260, 1.2m

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



### FEATURES / BENEFITS

- ➞ 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                                |  | UBR260          |
| Flange Finish                           |  | Brass un-plated |
| Package Quantity                        |  | 1               |

#### ELECTRICAL SPECIFICATIONS

|                                 |           |             |
|---------------------------------|-----------|-------------|
| Frequency Range                 | GHz       | 22 - 33.3   |
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 17.7 (1.30) |
| Attenuation                     | dB        | 1.92        |
| Power rating                    | W         | 100.0       |

#### MECHANICAL SPECIFICATIONS

|                                |                      |             |
|--------------------------------|----------------------|-------------|
| Maximum Twist                  | degree/m (degree/ft) | 270 (82.3)  |
| Minimum Bending Radius E-Plane | mm (in)              | 25 (1)      |
| Minimum Bending Radius H-Plane | mm (in)              | 75 (3)      |
| Length                         | mm (in)              | 1200 (47.2) |

#### MATERIAL

|          |  |                                                                                  |
|----------|--|----------------------------------------------------------------------------------|
| Material |  | Core: Brass silver plated<br>Jacket: Vulcanised Neoprene Rubber<br>Flange: Brass |
| Color    |  | Black                                                                            |

### External Document Links

AN 030707-8 Application note for RFS Twistflex

### Notes