



Twistable and flexible rectangular waveguide R84, with PDR/UDR 84 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) | | R84 (WR112) |
| Flange A | | PDR84 |
| Flange B | | UDR84 |
| Flange Finish | | Brass un-plated |
| Package Quantity | | 1 |

ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------------|-----------|-------------|
| Frequency Range | GHz | 6.85 - 10 |
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 26.4 (1.10) |
| Attenuation | dB | 0.43 |
| Power rating | W | 1500 |

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------------|----------------------|-------------|
| Maximum Twist | degree/m (degree/ft) | 260 (79) |
| Minimum Bending Radius E-Plane | mm (in) | 77 (3) |
| Minimum Bending Radius H-Plane | mm (in) | 120 (4.7) |
| Length | mm (in) | 1200 (47.2) |
| Weight | kg (lb) | 1.24 (0) |

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