



Twistable and flexible rectangular waveguide R120, with PBR/UBR 120 flanges. Length = 0.6m, 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) | | R120 (WR75) |
| Flange A | | PBR120 |
| Flange B | | UBR120 |
| Flange Finish | | Brass un-plated |
| Package Quantity | | 1 |

ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------------|-----------|-------------|
| Frequency Range | GHz | 10 - 15 |
| Minimum Return Loss (max. VSWR) | dB (VSWR) | 24.9 (1.12) |
| Attenuation | dB | 0.3 |
| Power rating | W | 750 |

MECHANICAL SPECIFICATIONS

| | | |
|--------------------------------|----------------------|------------|
| Maximum Twist | degree/m (degree/ft) | 180 (54.9) |
| Minimum Bending Radius E-Plane | mm (in) | 65 (2.6) |
| Minimum Bending Radius H-Plane | mm (in) | 115 (4.5) |
| Length | mm (in) | 600 (23.6) |

MATERIAL

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

External Document Links

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

Notes