



**TF220-BB1-S-120M**  
TwistFlex PBR/PBR220, 1.2m



Twistable and flexible rectangular waveguide R220, with PBR/PBR 220 flanges. Length = 1.2m, core with environmental impact resistant molded rubber jacket. Hardware and gasket (for PDR/PBR flanges) included.

**Feature / 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)                | R220 (WR42)     |
| Flange A                                | PBR220          |
| Flange B                                | PBR220          |
| Flange Finish                           | Brass un-plated |
| Package Quantity                        | 1               |

**ELECTRICAL SPECIFICATIONS**

|                 |             |
|-----------------|-------------|
| Frequency Range | 17.6 - 26.7 |
| Attenuation     | 1.44 dB     |
| Power rating    | 100 W       |

**MECHANICAL SPECIFICATIONS**

|                                |                 |
|--------------------------------|-----------------|
| Maximum Twist                  | 360m (110ft)    |
| Minimum Bending Radius E-Plane | 35mm (1.4in)    |
| Minimum Bending Radius H-Plane | 64mm (2.5in)    |
| Length                         | 1200mm (47.2in) |
| Weight                         | 0.41kg (0.9lb)  |

**MATERIAL**

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

External Document Links

Notes