



Twistable and flexible rectangular waveguide R100, with PBR/PBR 100 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)		R100 (WR90)
Flange A		PBR100
Flange B		PBR100
Flange Finish		Brass un-plated
Package Quantity		1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	GHz	8.2 - 12.4
Minimum Return Loss (max. VSWR)	dB (VSWR)	26.4 (1.10)
Attenuation	dB	0.48
Power rating	W	1000

**MECHANICAL SPECIFICATIONS**

Maximum Twist	degree/m (degree/ft)	230 (70)
Minimum Bending Radius E-Plane	mm (in)	44 (1.7)
Minimum Bending Radius H-Plane	mm (in)	63 (2.5)
Length	mm (in)	1200 (47.2)
Weight	kg (lb)	0.83 (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**