



Twistable and flexible rectangular waveguide R84, with PBR/PBR 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		PBR84
Flange B		PBR84
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)	1.2 (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**