



Twistable and flexible rectangular waveguide R320, with PBR/UBR 320 flanges. Length = 0.9m, 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)		R320 (WR28)
Flange A		PBR320
Flange B		UBR320
Flange Finish		Brass un-plated
Package Quantity		1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	GHz	26.4 - 40.1
Minimum Return Loss (max. VSWR)	dB (VSWR)	18.8 (1.26)
Attenuation	dB	1.8
Power rating	W	75

**MECHANICAL SPECIFICATIONS**

Maximum Twist	degree/m (degree/ft)	360 (109.7)
Minimum Bending Radius E-Plane	mm (in)	22 (0.9)
Minimum Bending Radius H-Plane	mm (in)	40 (1.6)
Length	mm (in)	900 (35.4)
Weight	kg (lb)	0.21 (0.46)

**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**