



Twistable and flexible rectangular waveguide R220, with PBR/UBR 220 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)		R220 (WR42)
Flange A		PBR220
Flange B		UBR220
Flange Finish		Brass un-plated
Package Quantity		1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	GHz	17.6 - 26.7
Minimum Return Loss (max. VSWR)	dB (VSWR)	20.8 (1.20)
Attenuation	dB	1.08
Power rating	W	100

**MECHANICAL SPECIFICATIONS**

Maximum Twist	degree/m (degree/ft)	360 (110)
Minimum Bending Radius E-Plane	mm (in)	35 (1.4)
Minimum Bending Radius H-Plane	mm (in)	64 (2.5)
Length	mm (in)	900 (35.4)
Weight	kg (lb)	0.33 (0.73)

**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**