



Twistable and flexible rectangular waveguide R120, with PBR/UBR 120 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)		R120 (WR75)
Flange A		PBR120
Flange B		UBR120
Flange Finish		Brass un-plated
Package Quantity		1

ELECTRICAL SPECIFICATIONS

Frequency Range	GHz	9.84 - 15
Minimum Return Loss (max. VSWR)	dB (VSWR)	24.9 (1.12)
Attenuation	dB	0.6
Power rating	W	750

MECHANICAL SPECIFICATIONS

Maximum Twist	degree/m (degree/ft)	230 (70)
Minimum Bending Radius E-Plane	mm (in)	35 (1.4)
Minimum Bending Radius H-Plane	mm (in)	63 (2.5)
Length	mm (in)	1200 (47.2)
Weight	kg (lb)	0.7 (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