



Twistable and flexible rectangular waveguide R84, with PDR/PDR 84 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)		R84 (WR112)
Flange A		PDR84
Flange B		PDR84
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	0.32
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)	900 (35.4)
Weight	kg (lb)	0.93 (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