



Twistable and flexible rectangular waveguide R70, with PDR/PDR 70 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)		R70 (WR137)
Flange A		PDR70
Flange B		PDR70
Flange Finish		Brass un-plated
Package Quantity		1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	GHz	5.38 - 8.18
Minimum Return Loss (max. VSWR)	dB (VSWR)	27.3 (1.09)
Attenuation	dB	0.36
Power rating	W	2000

**MECHANICAL SPECIFICATIONS**

Maximum Twist	degree/m (degree/ft)	210 (64)
Minimum Bending Radius E-Plane	mm (in)	60 (2.4)
Minimum Bending Radius H-Plane	mm (in)	85 (3.3)
Length	mm (in)	1200 (47.2)
Weight	kg (lb)	1.73 (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**