



Twistable and flexible rectangular waveguide R70, with PDR/UDR 70 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)		R70 (WR137)
Flange A		PDR70
Flange B		UDR70
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	0.27
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)	900 (35.4)
Weight	kg (lb)	1.45 (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