



## TwistFlex PDR/UDR70, 1.2m

Twistable and flexible rectangular waveguide R70, with PDR/UDR 70 flanges. Length = 1.2m, core with environmental impact resistant molded rubber jacket. Hardware and gasket (for PDR/PBR flanges) included.



### FEATURES / BENEFITS

- ➔ 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	5.85 - 8.2
Minimum Return Loss (max. VSWR)	dB (VSWR)	27.3 (1.09)
Attenuation	dB	0.34
Power rating	W	2000.0

#### MECHANICAL SPECIFICATIONS

Maximum Twist	degree/m (degree/ft)	115 (35)
Minimum Bending Radius E-Plane	mm (in)	100 (3.9)
Minimum Bending Radius H-Plane	mm (in)	205 (8.1)
Length	mm (in)	1200 (47.2)

#### MATERIAL

Material		Core: Brass silver plated Jacket: Vulcanised Neoprene Rubber Flange: Brass
Color		Black

#### External Document Links

AN 030707-8 Application note for RFS Twistflex

#### Notes