



Twistable and flexible rectangular waveguide R40, with PDR/UDR 40 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)		R40 (WR229)
Flange A		PDR40
Flange B		UDR40
Flange Finish		Brass un-plated
Package Quantity		1

ELECTRICAL SPECIFICATIONS

Frequency Range	GHz	3.3 - 4.9
Minimum Return Loss (max. VSWR)	dB (VSWR)	28.8 (1.075)
Attenuation	dB	0.14

MECHANICAL SPECIFICATIONS

Maximum Twist	degree/m (degree/ft)	64 (19.5)
Minimum Bending Radius E-Plane	mm (in)	165 (6.5)
Minimum Bending Radius H-Plane	mm (in)	330 (13)
Length	mm (in)	900 (35.4)

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