



Twistable and flexible rectangular waveguide R48, with PDR/UDR 48 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)		R48 (WR187)
Flange A		PDR48
Flange B		UDR48
Flange Finish		Brass un-plated
Package Quantity		1

ELECTRICAL SPECIFICATIONS

Frequency Range	GHz	3.95 - 5.85
Minimum Return Loss (max. VSWR)	dB (VSWR)	27.3 (1.09)
Attenuation	dB	0.2
Power rating	W	3000

MECHANICAL SPECIFICATIONS

Maximum Twist	degree/m (degree/ft)	82 (25)
Minimum Bending Radius E-Plane	mm (in)	165 (6.5)
Minimum Bending Radius H-Plane	mm (in)	330 (13)
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