PRODUCT DATASHEET

TF140-BW1-090M

TwistFlex PBR/UBR140, 0.9m

Twistable and flexible rectangular waveguide R140,
with PBR/UBR 140 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)		R140 (WR62)
Flange A		PBR140
Flange B		UBR140
Flange Finish		Brass un-plated
Package Quantity		1
ELECTRICAL SPECIFICATIONS		
Frequency Range	GHz	12.4 - 18
Minimum Return Loss (max. VSWR)	dB (VSWR)	24.9 (1.12)
Attenuation	dB	0.72
Power rating	W	400
MECHANICAL SPECIFICATIONS		
Maximum Twist	degree/m (degree/ft)	200 (61)
Minimum Bending Radius E-Plane	mm (in)	65 (2.6)
Minimum Bending Radius H-Plane	mm (in)	100 (3.9)
Length	mm (in)	900 (35.4)
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

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering