



TF220-BW1-S-120M
TwistFlex PBR/UBR220, 1.2m



Twistable and flexible rectangular waveguide R220, with PBR/UBR 220 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)	R220 (WR42)
Flange A	PBR220
Flange B	UBR220
Flange Finish	Brass un-plated
Package Quantity	1

ELECTRICAL SPECIFICATIONS

Frequency Range	17.6 - 26.7 GHz
Minimum Return Loss (max. VSWR)	20.8dB (1.2VSWR)
Attenuation	1.44 dB
Power rating	100 W

MECHANICAL SPECIFICATIONS

Maximum Twist	360°/m (110°/ft)
Minimum Bending Radius E-Plane	35mm (1.4in)
Minimum Bending Radius H-Plane	64mm (2.5in)
Length	1,200mm (47.2in)
Jacket Diameter	17.5 mm
Weight	0.41kg (0.9lb)

MATERIAL

Material	Core: Brass silver plated Jacket: Rubber Silicone Flange: Brass
Color	Black



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External Document Links

Notes

Related Documents



AN 030707-8 Application note for RFS Twistflex
External Datasheet