



**TF320-BB1-S-120M**

TwistFlex PBR/PBR320, 1.2m



Twistable and flexible rectangular waveguide R320, with PBR/PBR 320 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)	R320 (WR28)
Flange A	PBR320
Flange B	PBR320
Flange Finish	Brass un-plated
Package Quantity	1

**ELECTRICAL SPECIFICATIONS**

Frequency Range	26.4 - 40.1 GHz
Minimum Return Loss (max. VSWR)	18.8dB (1.26VSWR)
Attenuation	2.4 dB
Power rating	75 W

**MECHANICAL SPECIFICATIONS**

Maximum Twist	360°/m (109.7°/ft)
Minimum Bending Radius E-Plane	22mm (0.9in)
Minimum Bending Radius H-Plane	40mm (1.6in)
Length	1,200mm (47.2in)
Jacket Diameter	13.5 mm
Weight	0.27kg (0.6lb)

**MATERIAL**

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

[External Document Links](#)

[Notes](#)



## Related Documents

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AN 030707-8 Application note for RFS Twistflex  
External Datasheet