

**TF048-DV1-S-120M**

TwistFlex PDR/UDR48, 1.2m



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	3.94 - 5.99 GHz
Minimum Return Loss (max. VSWR)	27.3dB (1.09VSWR)
Attenuation	0.2 dB
Power rating	3,000 W

MECHANICAL SPECIFICATIONS

Maximum Twist	110°/m (33.5°/ft)
Minimum Bending Radius E-Plane	160mm (6.3in)
Minimum Bending Radius H-Plane	310mm (12.2in)
Length	1,200mm (47.2in)
Jacket Dimension	35.5 mm x 62 mm
Weight	2.85kg (6.28lb)

MATERIAL

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



TF048-DV1-S-120M

TwistFlex PDR/UDR48, 1.2m

External Document Links

Notes

Related Documents



AN 030707-8 Application note for RFS Twistflex
External Datasheet