

**TF040-DV1-S-090M**

TwistFlex PDR/UDR40, 0.9m



Twistable and flexible rectangular waveguide R40, with PDR/UDR 40 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)	R40 (WR229)
Flange A	PDR40
Flange B	UDR40
Flange Finish	Brass un-plated
Package Quantity	1

ELECTRICAL SPECIFICATIONS

Frequency Range	3.3 - 4.9 GHz
Minimum Return Loss (max. VSWR)	28.8dB (1.075VSWR)
Attenuation	0.14 dB

MECHANICAL SPECIFICATIONS

Maximum Twist	64°/m (19.5°/ft)
Minimum Bending Radius E-Plane	165mm (6.5in)
Minimum Bending Radius H-Plane	330mm (13in)
Length	900mm (35.4in)

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