

WR-42 45 Degree Right-hand Waveguide Twist With a UG-595/U Flange Operating From 18 GHz to 26.5 GHz



Waveguide Twists Technical Data Sheet

PE-W42TW1003

Features

- WR-42
- 18 to 26.5 GHz

Applications

- Instrumentation
- Precision measurements

- UG-595/U Flange
- 45° Right Hand (Clockwise) Twist
- Prototyping and characterization
- Production Systems

Description

The PE-W42TW1003 is a 45 degree right hand waveguide twist that is part of a family of precision manufactured twists with square cover per MIL-DTL-85. The family includes right and left hand 45 degree twists as well as 90 degree twists. These twists are offered in the Ka through W waveguide bands (18 to 110 GHz).

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	18		26.5	GHz
VSWR		1.25:1		
Insertion Loss			0.75	dB

Mechanical Specifications

Waveguide Size Section Length		WR-42 2.7 in [[68.58 mm]]	
Description	Flange 1	Waveguide	Flange 2
Interface	UG-595/U	WR-42	UG-595/U
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Color	Gold	Gold	Gold

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-42 45 Degree Right-hand Waveguide Twist With a UG-595/U Flange Operating From 18 GHz to 26.5 GHz PE-W42TW1003

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451 Sales@Pasternack.com • Techsupport@Pasternack.com

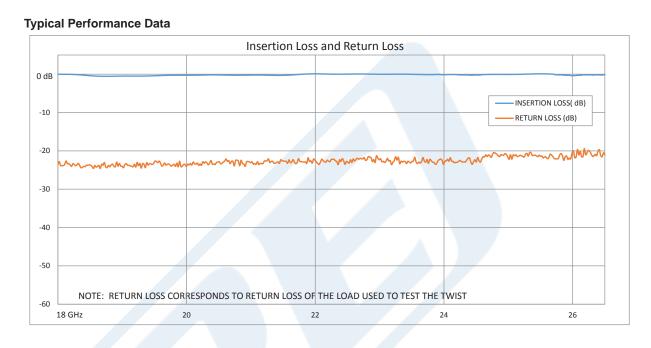




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WR-42 45 Degree Right-hand Waveguide Twist With a UG-595/U Flange Operating From 18 GHz to 26.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/wr-42-45-waveguide-twist-ug595-18-26.5-ghz-pe-w42tw1003-p.aspx

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