

SMW28TW1001 DATA SHEET

WR-28 90 Degree Waveguide Twist Using a UG-599/U Flange And a 26.5 GHz to 40 GHz Frequency Range

The SMW28TW1001 is a 90 degree 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).

Fairview Microwave

Electrical Specifications

Description	Min	Тур	Max	Units
Frequency Range	26.5		40	GHz
VSWR			1.07:1	
Insertion Loss			0.5	dB

Mechanical Specifications

Waveguide Size WR-28
Section Length 2 in [50.8 mm]

Description	Flange 1	Waveguide	Flange 2
Interface	UG-599/U	WR-28	UG-599/U
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Color	Gold	Gold	Gold

Features:

- WR-28
- · 26.5 to 40 GHz
- UG-599/U Flange
- 1.07:1 Maximum VSWR
- 90° Twist

Applications:

- Instrumentation
- Precision measurements
- Prototyping and characterization
- Production Systems

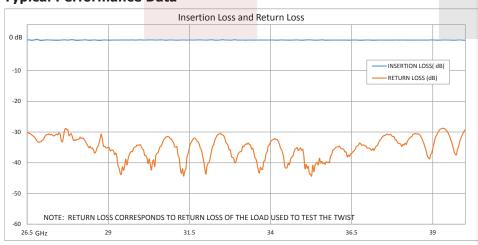
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Notes, Plotted Data

Typical Performance Data



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WR-28 90 Degree Waveguide Twist Using a UG-599/U Flange And a 26.5 GHz to 40 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: WR-28 90 Degree Waveguide Twist Using a UG-599/U Flange And a 26.5 GHz to 40 GHz Frequency Range SMW28TW1001

URL: https://www.fairviewmicrowave.com/wr-28-90-waveguide-twist-ug599-26.5-40-ghz-smw28tw1001-p.aspx







