

Part No:

HWSS03-1.0-ER



*WR-3 Millimeter Waveguide Straight Section, 1 Inch
220 GHz to 330 GHz*

The HASCO WR-3 Millimeter Waveguide Straight Section **HWSS03-1.0-ER** operates from 220 GHz to 330 GHz. This WR-3, waveguide section is constructed with a Round UG-387/U-M Flange.

HASCO rectangular waveguides are manufactured from brass, OFHC copper, aluminum or coin silver. Waveguides have significant advantages over coaxial transmission in power handling, insertion loss and signal integrity (leakage and electromagnetic interference - EMI).

HASCO offers a series of millimeter waveguide straight sections, E-Bends, H-Bends and 90° Twists. Anti-cocking flanges available if required. All are available in standard and custom lengths covering the waveguide sizes WR-3, WR-4, WR-5, WR-6, WR-8, WR-10, WR-12, WR-15, WR-19, WR-22, WR-28, WR-34 and WR-42. Square waveguide flanges are available in WR-22, WR-28, WR-34 and WR-42. Please contact HASCO for custom options.

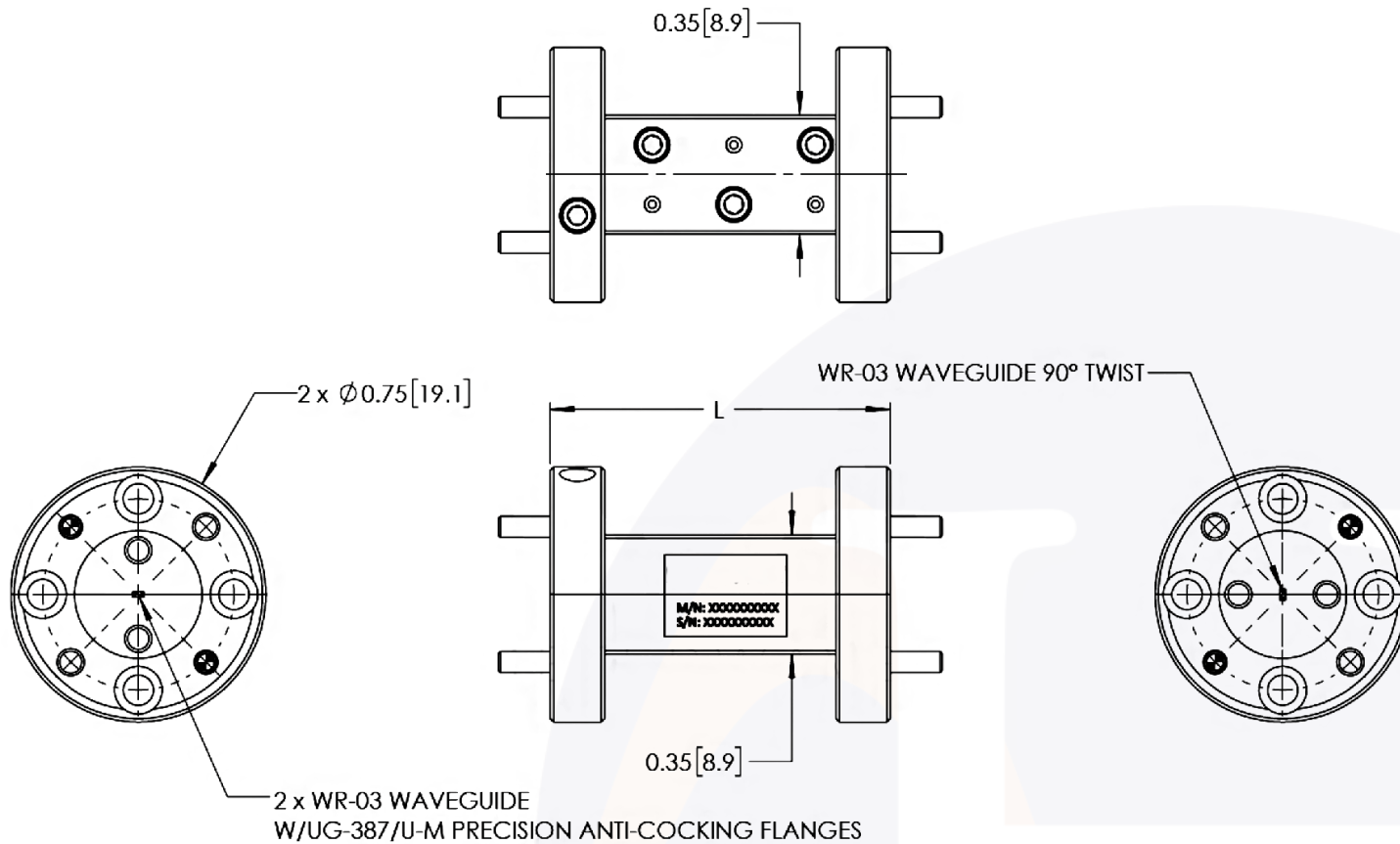
Electrical

• Frequency Range	220 to 330 GHz
• Impedence	50 Ohms
• Insertion Loss	2.5 dB Typical
• Return Loss	18 dB Typical
• Waveguide	WR-3
• Flange	UG-387/U-M Precision Anti-Cocking Flange
• Length	1 Inch
• Temperature Range	25°C (specification), -40°C to 85°C (operating)

Material

• Body	Gold plated Brass
--------	-------------------

WR-3 Millimeter Waveguide Straight Section, 1 inch | 220 GHz - 330 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	CHECKED BY: JMS
-	RELEASE	07/22	TAC		APPROVED BY: TAC
A	PHOTO/LOGO UPDATE	10/22	TAC	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.	
B	TABLE UPDATE	12/23	TAC		
C	OUTLINE/PHOTO UPDATE	2/24	TAC		
THIS DRAWING IS A CONTROLLED DOCUMENT					



5214 Bonsai Street • Moorpark, CA 93021
 (888) 498-3242 • sales@hasco-inc.com
www.hasco-inc.com

MATERIALS:
SEE DATA SHEET

CAGE CODE:
0T8L4

SCALE:
N/A

SIZE:
A

FINISHES:
SEE DATA SHEET

PART NO./DRAWING NO.

HWSS03-1.0-ER

REV:
C