HWSS12-1.0-ER

Part No:



The HASCO WR-12 Millimeter Waveguide Section **HWSS12-1.0-ER** operates from 60 GHz to 90 GHz. This WR-12, E-Band straight section is constructed with a round UG-387/U Flange.

HASCO offers a series of rectangular millimeter waveguide straight sections, as well as E-Bends, H-Bends and 45° and 90° Twists. All are available in standard and custom lengths covering the waveguide sizes WR-3, WR-5, WR-6, WR-8, WR-10, WR-12, WR-15, WR-19, WR-22, WR-28, WR-34 and WR-42.



WR-12 Millimeter Waveguide Section, 1.0 Inch 60 GHz to 90 GHz, E-Band

Specifications	
Frequency Range	60 - 90 GHz
• VSWR	1.05:1 Typical
Power Rating	1,000 Watts Max
• Length	1 inch
• RF Ports	WR-12 Waveguide with UG-387/U Flange
Environmental Da	ata
Temperature Range	0°C to +100°C
Material	
• Waveguide	075-T6 Aluminum, Electroless Nickel Under-plate/Gold Plated
• Flange	UG-387/U

HWSS12-1.0-ER | 60 - 90 GHz | Outline Drawing

		.067±.00		−2X Ø .061	5±.0005 2X Ø.7	750	1.00	
				└─ 4X #4-40 UNC - 2B				
Part No.	Dir	m A	Dim B	└─ 4X #4-40 UNC - 2B				
Part No. HWSS10-XX-EF		m A 050 ±.00		└─ 4X #4-40 UNC - 2B				
	0.0		02 0.100 ±.002	└—4X #4-40 UNC - 2B				
HWSS10-XX-EF	0.0)50 ±.00	02 0.100 ±.002 02 0.122 ±.002	└—4X #4-40 UNC - 2B				
HWSS10-XX-EF HWSS12-XX-EF	0.0)50 ±.00)61 ±.00	02 0.100 ±.002 02 0.122 ±.002	- 4X #4-40 UNC - 2B			5214 Bonsai Street	• Moorpark. CA 93021
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF	0.0)50 ±.00)61 ±.00)74 ±.00	$\begin{array}{cccc} 0.100 \pm .002 \\ 0.122 \pm .002 \\ 0.148 \pm .002 \end{array}$			SCO, INC	(888) 498-3242 · sa	t•Moorpark, CA 93021 ales@hasco-inc.com
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF	0.0 0.0 0.0 DATE 12/16	050 ±.00 061 ±.00 074 ±.00	02 0.100 ±.002 02 0.122 ±.002 02 0.148 ±.002 DRAWN BY: JMS APPROVED BY: TAC THESE DRAWINGS AN	CHECKED BY: AC		SCO, INC	5214 Bonsai Street (888) 498-3242 • sa www.hasco-inc.co	ales@hasco-inc.com
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF TR DESCRIPTION - RELEASE	0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.2	$050 \pm .00$ $061 \pm .00$ $074 \pm .00$ APPR. TAC	02 0.100 ±.002 02 0.122 ±.002 02 0.148 ±.002 DRAWN BY: JMS APPROVED BY: TAC THESE DRAWINGS AN PROPERTY OF HASCO NOT BE REPRODUCEE	CHECKED BY: AC ID SPECIFICATIONS ARE THE COMPONENTS AND SHALL D, COPIED NOR USED - IN	MATERIALS:	CAGE CODE:	(888) 498-3242 • sa www.hasco-inc.co scale:	ales@hasco-inc.com pm size:
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF TR DESCRIPTION - RELEASE	0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.2	$050 \pm .00$ $061 \pm .00$ $074 \pm .00$ APPR. TAC	02 0.100 ±.002 02 0.122 ±.002 02 0.148 ±.002 DRAWN BY: JMS APPROVED BY: TAC THESE DRAWINGS AN PROPERTY OF HASCO NOT BE REPRODUCEE WHOLE OR IN PART - A UFACTURE OR SALE OF	CHECKED BY: AC ID SPECIFICATIONS ARE THE COMPONENTS AND SHALL D, COPIED NOR USED - IN AS THE BASIS FOR THE MAN- OF OTHER ITEMS WITHOUT	СОМРОМ	NENTS DISTRIBUTOR	(888) 498-3242 • sa www.hasco-inc.co	ales@hasco-inc.com <u>m</u>
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF TR DESCRIPTION - RELEASE	0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.2	$050 \pm .00$ $061 \pm .00$ $074 \pm .00$ APPR. TAC	02 0.100 ±.002 02 0.122 ±.002 02 0.148 ±.002 DRAWN BY: JMS APPROVED BY: TAC THESE DRAWINGS AN PROPERTY OF HASCO NOT BE REPRODUCEE WHOLE OR IN PART - A UFACTURE OR SALE O THE EXPRESS, WRITTE	CHECKED BY: AC ID SPECIFICATIONS ARE THE COMPONENTS AND SHALL D, COPIED NOR USED - IN AS THE BASIS FOR THE MAN-	MATERIALS: SEE DATA SHEET	CAGE CODE:	(888) 498-3242 • sa www.hasco-inc.co scale:	ales@hasco-inc.com pm size:
HWSS10-XX-EF HWSS12-XX-EF HWSS15-XX-EF TR DESCRIPTION - RELEASE	0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.2	$050 \pm .00$ $061 \pm .00$ $074 \pm .00$ APPR. TAC	02 0.100 ±.002 02 0.122 ±.002 02 0.148 ±.002 DRAWN BY: JMS APPROVED BY: TAC THESE DRAWINGS AN PROPERTY OF HASCO NOT BE REPRODUCEE WHOLE OR IN PART - A UFACTURE OR SALE OF	CHECKED BY: AC ID SPECIFICATIONS ARE THE COMPONENTS AND SHALL D, COPIED NOR USED - IN AS THE BASIS FOR THE MAN- OF OTHER ITEMS WITHOUT	MATERIALS:	CAGE CODE: 0T8L4 PART NO/DRAWING NO.	(888) 498-3242 • sa www.hasco-inc.co scale:	ales@hasco-inc.com pm size: A

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