HWSS08-2.0-ER



The HASCO WR-8 Millimeter Waveguide Straight Section **HWSS08-2.0-ER** operates from 90 GHz to 140 GHz. This WR-8, 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.



WR-8 Millimeter Waveguide Straight Section, 2 Inch 90 GHz to 140 GHz, F-Band

Electrical	
Frequency Range	90 to 140 GHz
• VSWR	1.03:1 Max
Impedence	50 Ohms
• Waveguide	WR-8
• Flange	UG-387/U-M
• Length	2 Inch
Temperature Range	220°C Max
Material	
• Waveguide	OFHC
• Flange	Brass
• Finish	Gold Plated per MIL-DTL-45204

Part Number WG Size DIM A DIM B HWSS22X-XER WR-22 0.224 0.112 HWSS12X-XER WR-19 0.188 0.074 HWSS12X-XER WR-19 0.188 0.074 HWSS12X-XER WR-10 0.100 0.050 HWSS15X-XER WR-10 0.100 0.050 HWSS15X-XER WR-10 0.061 0.061 HWSS05X-XER WR-08 0.080 0.040 HWSS05X-XER WR-06 0.055 0.0325 LIR DESCRIPTION DATE APPR DRAWN BY: NS CHECKED BY: JMS A PHOTOLOGO UPDATE 10/22 TAC APPROVED BY: TAC APPROVED BY: TAC A PHOTOLOGO UPDATE 10/22 TAC THESE DRAWINGS AND SPECIFICATIONS ANE THE WHOLE COLOR COMPONENTS AND SHALL MATERIALS: SCALE SCALE SCALE N/A A 8 TABLE UPDATE 12/23 TAC THESE DRAWINGS AND SHALL WHOLE COLOR SHE AND SHALL UFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESSION OF HE MAN- COMPONENTS. MALERIALS: SEE DATA SHE			Α-	↓						
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