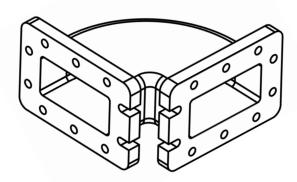


Data Sheet HB-A-WR284-02

H-Bend with Arc Viewport CPR284 F-F

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Parameter	Value		
Footprint Drawing No.	t.b.d.		
Product Type	Waveguide Bend		
Configuration	H-Bend 90° with arc viewport located at the corner of the bend		
Center Frequency fo	2856 MHz and 2998 MHz		
Bandwidth BW	± 10 MHz		
Forward Peak Power	20 MW max.		
Forward Average Power	15 kW max.		
Reverse Power	100% at any phase		
Insertion Loss	≤ 0.05 dB		
Return Loss	≥ 30 dB		
VSWR	< 1.065		
RF Waveguide	WR284		
RF Flanges / Connectors	2x CPR284F, flat, 10 holes Ø 6.5 mm		
Arc Viewport Connector	1x FSMA 1/4"-36 UNS-2A, gas pressure tight		
Cooling System	none		
Waveguide Dielectric Filling Gas	SF6		
Gas Pressure	nominal:	3 bar absolute	
	maximum:	4 bar absolute	
Gas Leak Rate (Helium)	< 5·10 ⁻⁴ mbar l/s		
	device pressurized with He gas at 2.5 bar gauge		
Ambient Temperature	operating:	10°C to 40°C	
	storage :	0°C to 60°C	
Relative Humidity	< 80%, non-condensing		



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H-Bend with Arc Viewport CPR284 F-F

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Body Material	Aluminium
Surface Finish	none
Dimensions	see footprint drawing, bend radius 77.5 mm
Weight	0.6 kg approximately
Mounting Orientation	any
Accessories included	none

Rev.	Remark	Date	Name
00	Initial	02.05.2019	C. Weil
	New logo, notes removed	20.02.2024	C. Weil