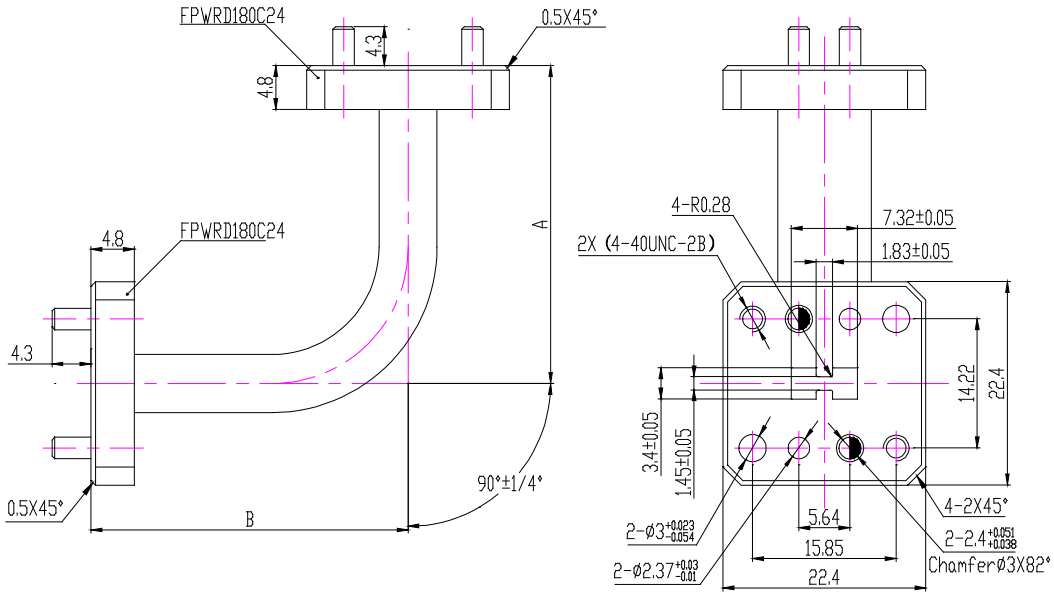


Double Ridged Waveguide E-Bend

Part No: VT1800DRWEB30X30PPC

1.0	Mechanical Specifications	
1.1	Waveguide type	WRD180
1.2	Flange type	FPWRD180C24
1.3	Material	Copper
1.4	Inside finish	Silver Plating
1.5	Outside finish	Anticorrosion grey paint
1.6	Dimensions	A=30 mm, B=30 mm
2.0	Electrical Specifications	
2.1	Frequency range	18-40 GHz
2.2	VSWR (Max)	1.30
3.0	Outline Drawings	



The image contains two technical drawings of a Double Ridged Waveguide E-Bend. The left drawing is a side view showing the 90-degree bend. It features two flanges labeled 'FPWRD180C24' with dimensions 4.8 and 4.3. The bend has a 0.5X45° chamfer and a 90°±1/4° angle. Dimensions A and B are indicated. The right drawing is a top view of the rectangular waveguide cross-section. It shows four mounting holes with diameters 2-φ3.4±0.05, 2-φ2.37±0.03, and 2-φ2.4±0.05. The waveguide has a 4-R0.28 radius and 2X (4-40UNC-2B) threads. Dimensions include 7.32±0.05, 1.83±0.05, 14.22, 22.4, 5.64, 15.85, and 22.4. A 4-2X45° chamfer and a 3X82° chamfer are also shown.

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Revision History

Date	Revision	Changes
17-Mar-2008	1	First release

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