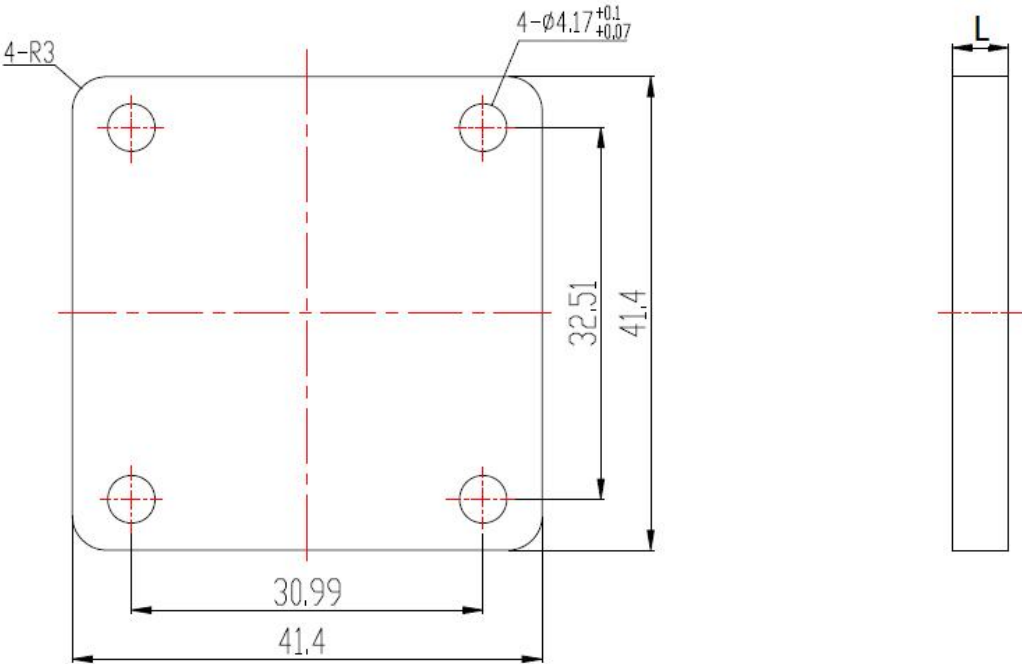


Waveguide Short Plate

Part No: ST90WSP5

1.0	Mechanical Specifications	
1.1	Waveguide type	WR90
1.1	Flange type	FBP100(Cover)
1.2	Basis-material	Copper/Brass
1.3	Inside finish	Silver plating
1.4	Outside finish	Anticorrosion black paint
1.5	Thickness	L=5 mm
1.6	Temperature range	-40°C ~ +70°C
2.0	Electrical Specifications	
2.1	Frequency Range	8.2-12.5GHz
2.2	Min. VSWR	60:1
3.0	Outline Drawing	



SYNERGY TELECOM PVT. LTD

1/4 Lambda Waveguide Short

Part No: ST90WS9.45

1.0	Mechanical Specifications	
1.1	Waveguide type	WR90
1.1	Flange type	FBP100(Cover)
1.2	Basis-material	Copper/Brass
1.3	Inside finish	Silver plating
1.4	Outside finish	Anticorrosion black paint
1.5	Thickness	L=9.45 mm
1.6	Temperature range	-40°C ~ +70°C
2.0	Electrical Specifications	
2.1	Frequency Range	8.2-12.5GHz
2.2	Min. VSWR	1.10
3.0	Outline Drawing	

Technical drawing of a WR90 waveguide flange. The drawing includes a top view and a side view. The top view shows a rectangular flange with a width of 41.4 mm and a height of 41.4 mm. It features four mounting holes, each with a diameter of 4.17 mm (tolerance +0.01/-0.007). The distance between the centers of the holes is 22.86 mm (width) and 30.99 mm (height). The distance from the center of a hole to the nearest edge is 10.16 mm (width) and 32.51 mm (height). The corners are rounded with a radius of R3. A surface texture symbol is shown on one of the holes. The side view shows a rectangular profile with a width of 41.4 mm and a height of 41.4 mm, with a dimension 'X' indicating the thickness of the flange.

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