

SYNERGY TELECOM PVT LTD

Flexible-Twistable Waveguide

1.0	Mechanical Specifications			
1.1	Waveguide type	WR90		
1.2	Flange type	FBP100 (UBR100/UG-39/U)		
1.3	Material	Copper/Brass		
		Thermovac compatible black anoidized/		
1.4	External Finish	Thermovac compatible thermal mat black paint		
		excluding mating flange		
1.5	Jacket material	Black polysulfide rubber		
1.6	Maximum Twist	308 deg/m		
1.7	Minimum Bend Radius (E-Plane)	66 mm		
1.8	Minimum Bend Radius (H-Plane)	132 mm		
1.9	Length	L=100 mm		
1.10	Temperature Range	-55° C~+85° C		
1.11	Application	Thermovac compatible(Non Flight)		
2.0	Electrical Specifications			
2.1	Frequency Range	8.2-12.4 GHz		
2.2	VSWR (Max)	1.20		
2.3	Attenuator (Max)	0.5 dB/m		
2.4	Power Handling	1000 W (CW)/4KW (Peak Power)		
3.0	Outline Drawings			
4-Ø4.17 ^{+0.1} 9000 22.86±0.046 22.86±0.046 55 5 5 5				

WZ-47, BASEMENT, BUDDHELLA VILAGE VIKAS PURI NEW DELHI - 110018
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		excluding mating flange	
1.5	Jacket material	Black polysulfide rubber	
1.6	Maximum Twist	308 deg/m	
1.7	Minimum Bend Radius (E-Plane)	66 mm	
1.8	Minimum Bend Radius (H-Plane)	132 mm	
1.9	Length	L=200 mm	
1.10	Temperature Range	-55° C~+85° C	
1.11	Application	Thermovac compatible(Non Flight)	
2.0	Electrical Specifications		
2.1	Frequency Range	8.2-12.4 GHz	
2.2	VSWR (Max)	1.20	
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4-Ø4.17:007 900-007 22.86±0.046 55. 55. 55. 55. 55. 55. 55. 55. 55. 55.			

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		excluding mating flange		
1.5	Jacket material	Black polysulfide rubber		
1.6	Maximum Twist	308 deg/m		
A1.7	Minimum Bend Radius (E-Plane)	66 mm		
1.8	Minimum Bend Radius (H-Plane)	132 mm		
1.9	Length	L=300 mm		
1.10	Temperature Range	-55° C~+85° C		
1.11	Application	Thermovac compatible(Non Flight)		
2.0	Electrical Specifications			
2.1	Frequency Range	8.2-12.4 GHz		
2.2	VSWR (Max)	1.20		
2.3	Attenuator (Max)	0.5 dB/m		
2.4	Power Handling	1000 W (CW)/4KW (Peak Power)		
3.0	Outline Drawings			
4-Ø4.17 ⁴⁸¹ 22.86±0.046 22.86±0.046 30.99 41.4				