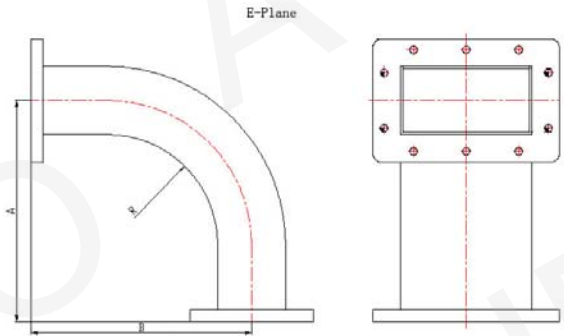


Radius Bend Waveguide(90° E-Plane)



Standard Models					
P/N	Frequency Range (GHz)	Waveguide	VSWR	Flange	Material
430WEB-190-190-95	1.70-2.60	WR430	1.15	FDP22/FDM22	Al/Cu
340WEB-100-100-40	2.20-3.30	WR340	1.15	FDP26/FDM26	Al/Cu
284WEB-100-100-40	2.60-3.95	WR284	1.15	FDP32/FDM32	Al/Cu
229WEB-80-80-40	3.30-4.90	WR229	1.15	FDP40/FDM40	Al/Cu
187WEB-80-80-40	3.95-5.85	WR187	1.15	FDP48/FDM48	Al/Cu
159WEB-80-80-40	4.90-7.05	WR159	1.15	FDP58/FDM58	Al/Cu
137WEB-60-60-30	5.85-8.20	WR137	1.15	FDP70/FDM70	Al/Cu
112WEB-50-50-25	7.05-10.0	WR112	1.15	FBP84/FBM84/FBE84	Al/Cu
90WEB-40-40-20	8.20-12.4	WR90	1.15	FBP100/FBM100/FBE100	Al/Cu
75WEB-40-40-20	10.0-15.0	WR75	1.15	FBP120/FBM120/FBE120	Al/Cu
62WEB-40-40-20	12.4-18.0	WR62	1.15	FBP140/FBM140/FBE140	Al/Cu
51WEB-30-30-15	15.0-22.0	WR51	1.15	FBP180/FBM180/FBE180	Al/Cu
42WEB-30-30-15	18.0-26.5	WR42	1.15	FBP220/FBM220/FBE220	Al/Cu
34WEB-30-30-15	22.0-33.0	WR34	1.15	FBP260/FBM260/FBE260	Al/Cu
28WEB-25-25-10	26.5-40.0	WR28	1.15	FBP320/FBM320/FBE320	Al/Cu
22WEB-25-25-10	33.0-50.0	WR22	1.15	FUGP400	Cu
19WEB-25-25-10	40.0-60.0	WR19	1.15	FUGP500	Cu
15WEB-20-20-10	50.0-75.0	WR15	1.15	FUGP620	Cu
12WEB-20-20-10	60.0-90.0	WR12	1.15	FUGP740	Cu
10WEB-20-20-10	75.0-110.0	WR10	1.15	FUGP900	Cu

Ordering Information

P/N:

430 **WEB** - **A** - **B** - **R**
 WR Product Size A Size B Size R
 Size Code (mm) (mm) (mm)

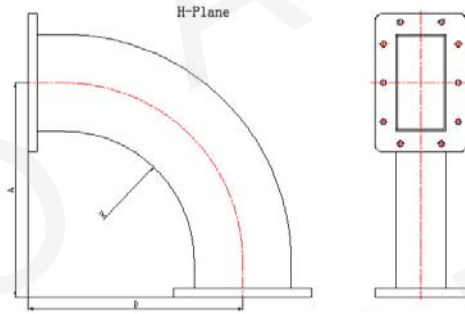
Example: 430WEB-190-190-95 is a WR430 90° E-Plane Radius Bend Waveguide. Size A is 190mm, B is 190mm, R is 95mm.

AINFO manufactures wide variety of radius bend waveguide assemblies specially designed for every customers unique requirements. Radius Bend Waveguide can be assembled with many types of flange. Basic styles in bend include miter and radius 90° bends, acute and obtuse E-plane and H-plane bends in angles from 30° to 180°.

Note:

1. Customization is available;
2. For detailed information of each 90° E-Plane radius bend waveguide, please visit the website: www.ainfoinc.com.

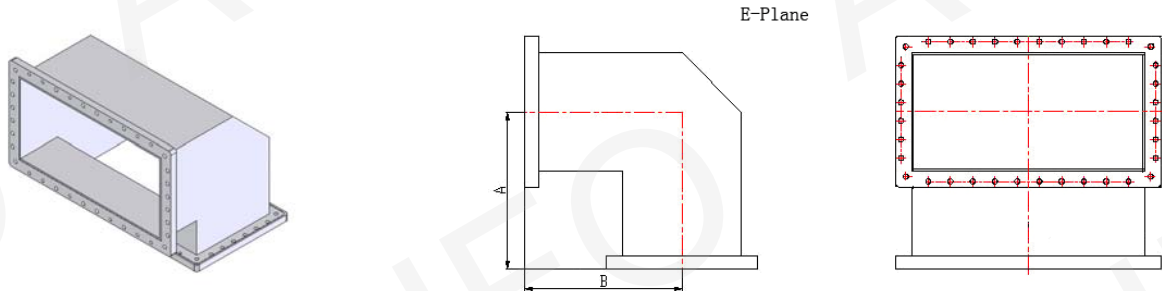
Radius Bend Waveguide(90° H-Plane)



Standard Models					
P/N	Frequency Range (GHz)	Waveguide	VSWR	Flange	Material
430WHB-250-250-152	1.70-2.60	WR430	1.15	FDP22/FDM22	Al/Cu
340WHB-180-180-100	2.20-3.30	WR340	1.15	FDP26/FDM26	Al/Cu
284WHB-160-160-100	2.60-3.95	WR284	1.15	FDP32/FDM32	Al/Cu
229WHB-120-120-78	3.30-4.90	WR229	1.15	FDP40/FDM40	Al/Cu
187WHB-80-80-40	3.95-5.85	WR187	1.15	FDP48/FDM48	Al/Cu
159WHB-80-80-40	4.90-7.05	WR159	1.15	FDP58/FDM58	Al/Cu
137WHB-80-80-50	5.85-8.20	WR137	1.15	FDP70/FDM70	Al/Cu
112WHB-60-60-35	7.05-10.0	WR112	1.15	FBP84/FBM84/FBE84	Al/Cu
90WHB-55-55-35	8.20-12.4	WR90	1.15	FBP100/FBM100/FBE100	Al/Cu
75WHB-45-45-30	10.0-15.0	WR75	1.15	FBP120/FBM120/FBE120	Al/Cu
62WHB-40-40-25	12.4-18.0	WR62	1.15	FBP140/FBM140/FBE140	Al/Cu
51WHB-35-35-20	15.0-22.0	WR51	1.15	FBP180/FBM180/FBE180	Al/Cu
42WHB-35-35-20	18.0-26.5	WR42	1.15	FBP220/FBM220/FBE220	Al/Cu
34WHB-35-35-20	22.0-33.0	WR34	1.15	FBP260/FBM260/FBE260	Al/Cu
28WHB-30-30-15	26.5-40.0	WR28	1.15	FBP320/FBM320/FBE320	Al/Cu
22WHB-20-20-10	33.0-50.0	WR22	1.15	FUGP400	Cu
19WHB-25-25-10	40.0-60.0	WR19	1.15	FUGP500	Cu
15WHB-25-25-10	50.0-75.0	WR15	1.15	FUGP620	Cu
12WHB-25-25-10	60.0-90.0	WR12	1.15	FUGP740	Cu
10WHB-25-25-10	75.0-110.0	WR10	1.15	FUGP900	Cu

Ordering Information	
<p>P/N:</p> <p>430 WHB - A - B - R</p> <p>WR Product Size A Size B Size R</p> <p>Size Code (mm) (mm) (mm)</p>	<p>AINFO manufactures wide variety of radius bend waveguide assemblies specially designed for every customers unique requirements. Radius Bend Waveguide can be assembled with many types of flange. Basic styles in bend include miter and radius 90° bends, acute and obtuse E-plane and H-plane bends in angles from 30° to 180°.</p>
<p>Example: 430WHB-250-250-152 is a WR430 90° H-Plane Radius Bend Waveguide. Size A is 250mm, B is 250mm, R is 152mm.</p>	
<p>Note:</p> <p>1. Customization is available;</p> <p>2. For detailed information of each 90° H-Plane radius bend waveguide, please visit the website: www.ainfoinc.com.</p>	

Miter Bend Waveguide (90° E-Plane)



Standard Models					
P/N	Frequency Range (GHz)	Waveguide	VSWR	Flange	Material
975WTEB-150-150	0.75-1.12	WR975	1.15	FDP9	Al
770WTEB-100-100	0.96-1.45	WR770	1.15	FDP12	Al
650WTEB-100-100	1.12-1.70	WR650	1.15	FDP14/FDM14	Al
510WTEB-80-80	1.45-2.20	WR510	1.15	FDP18/FDM18	Al/Cu
430WTEB-80-80	1.70-2.60	WR430	1.15	FDP22/FDM22	Al/Cu
340WTEB-60-60	2.20-3.30	WR340	1.15	FDP26/FDM26	Al/Cu
284WTEB-50-50	2.60-3.95	WR284	1.15	FDP32/FDM32	Al/Cu
229WTEB-40-40	3.30-4.90	WR229	1.15	FDP40/FDM40	Al/Cu
187WTEB-40-40	3.95-5.85	WR187	1.15	FDP48/FDM48	Al/Cu
159WTEB-40-40	4.90-7.05	WR159	1.15	FDP58/FDM58	Al/Cu
137WTEB-30-30	5.85-8.20	WR137	1.15	FDP70/FDM70	Al/Cu
112WTEB-25-25	7.05-10.0	WR112	1.15	FBP84/FBM84/FBE84	Al/Cu
90WTEB-20-20	8.20-12.4	WR90	1.15	FBP100/FBM100/FBE100	Al/Cu
75WTEB-20-20	10.0-15.0	WR75	1.15	FBP120/FBM120/FBE120	Al/Cu
62WTEB-20-20	12.4-18.0	WR62	1.15	FBP140/FBM140/FBE140	Al/Cu
51WTEB-20-20	15.0-22.0	WR51	1.15	FBP180/FBM180/FBE180	Al/Cu
42WTEB-20-20	18.0-26.5	WR42	1.15	FBP220/FBM220/FBE220	Al/Cu
34WTEB-20-20	22.0-33.0	WR34	1.15	FBP260/FBM260/FBE260	Al/Cu
28WTEB-15-15	26.5-40.0	WR28	1.15	FBP320/FBM320/FBE320	Al/Cu

Ordering Information

P/N:

340 **WTEB** - **A** - **B**
 WR Size Product Code Size A (mm) Size B (mm)

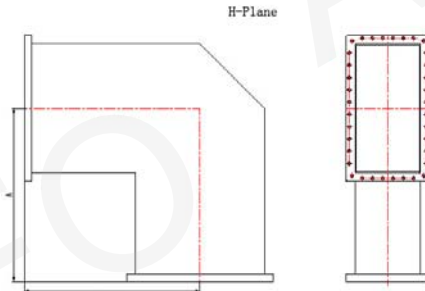
Example: 340WTEB-60-60 is a WR340 90° E-Plane Miter Bend Waveguide. Size A is 60mm, B is 60mm.

AINFO manufactures wide variety of miter bend waveguide assemblies specially designed for every customers unique requirements. Miter Bend Waveguide can be assembled with many types of flange. Basic styles in bend include miter and radius 90° bends.

Note:

1. Customization is available;
2. For detailed information of each 90° E-Plane miter bend waveguide, please visit the website: www.ainfoinc.com.

Miter Bend Waveguide (90° H-Plane)



Standard Models					
P/N	Frequency Range (GHz)	Waveguide	VSWR	Flange	Material
975WTHB-250-250	0.75-1.12	WR975	1.15	FDP9	Al
770WTHB-200-200	0.96-1.45	WR770	1.15	FDP12	Al
650WTHB-180-180	1.12-1.70	WR650	1.15	FDP14/FDM14	Al
510WTHB-150-150	1.45-2.20	WR510	1.15	FDP18/FDM18	Al/Cu
430WTHB-80-80	1.70-2.60	WR430	1.15	FDP22/FDM22	Al/Cu
340WTHB-60-60	2.20-3.30	WR340	1.15	FDP26/FDM26	Al/Cu
284WTHB-50-50	2.60-3.95	WR284	1.15	FDP32/FDM32	Al/Cu
229WTHB-40-40	3.30-4.90	WR229	1.15	FDP40/FDM40	Al/Cu
187WTHB-40-40	3.95-5.85	WR187	1.15	FDP48/FDM48	Al/Cu
159WTHB-40-40	4.90-7.05	WR159	1.15	FDP58/FDM58	Al/Cu
137WTHB-30-30	5.85-8.20	WR137	1.15	FDP70/FDM70	Al/Cu
112WTHB-25-25	7.05-10.0	WR112	1.15	FBP84/FBM84/FBE84	Al/Cu
90WTHB-20-20	8.20-12.4	WR90	1.15	FBP100/FBM100/FBE100	Al/Cu
75WTHB-20-20	10.0-15.0	WR75	1.15	FBP120/FBM120/FBE120	Al/Cu
62WTHB-20-20	12.4-18.0	WR62	1.15	FBP140/FBM140/FBE140	Al/Cu
51WTHB-20-20	15.0-22.0	WR51	1.15	FBP180/FBM180/FBE180	Al/Cu
42WTHB-20-20	18.0-26.5	WR42	1.15	FBP220/FBM220/FBE220	Al/Cu
34WTHB-20-20	22.0-33.0	WR34	1.15	FBP260/FBM260/FBE260	Al/Cu
28WTHB-15-15	26.5-40.0	WR28	1.15	FBP320/FBM320/FBE320	Al/Cu

Ordering Information

P/N:

340 **WTHB** - **A** - **B**
 WR Size Product Code Size A (mm) Size B (mm)

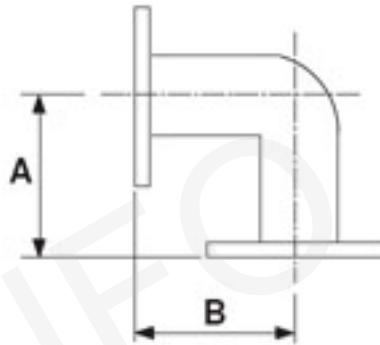
Example: 340WTHB-60-60 is a WR340 90° H-Plane Miter Bend Waveguide. Size A is 60mm, B is 60mm.

Note:

1. Customization is available;
2. For detailed information of each 90° H-Plane miter bend waveguide, please visit the website: www.ainfoinc.com.

AINFO manufactures wide variety of miter bend waveguide assemblies specially designed for every customer's unique requirements. Miter Bend Waveguide can be assembled with many types of flange. The available materials include brass and aluminum. Basic styles in bend include miter and radius 90° bends.

Double Ridge Bend Waveguide



Standard Models				
P/N	Frequency Range (GHz)	Waveguide	VSWR	Size A,B (mm)
650DRWB-A-B	6.5-18.0	WRD650D28	1.20	Customized
750DRWB-A-B	7.5-18.0	WRD750D24	1.20	Customized

Ordering Information P/N: 650 DRWB - A - B WR Size Product Code Size A (mm) Size B (mm)				AINFO manufactures wide variety of double ridge bend waveguide assemblies specially designed for every customers unique requirements. Double Ridge Bend Waveguide can be assembled with many types of flange. We also offer many other special configurations, length and hole size to meet special requirements.
Example: 650DRWB-100-100 is a WRD650D28 double ridge Bend waveguide. Size A is 100mm, B is 100mm.				
Note: 1. Customization is available; 2. For detailed information of each double ridge bend waveguide, please visit the website: www.ainfoinc.com				