



up to  
**600W** CW

**0.3~18GHz**

**HIGH POWER**

**DIRECTIONAL & DUAL-DIRECTIONAL  
COUPLER**

[Selection Guide](#)

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## High Power Directional/Dual-directional Coupler Quick Index

Freq. Range (GHz)	Coupling (dB)	30				40			
		120W	250W	400W	600W	120W	250W	400W	600W
0.3~6		●	●	●	●	●	●	●	●
0.3~8		●	●	●	●	●	●	●	●
0.4~6		●	●	●	●	●	●	●	●
0.4~8		●	●	●	●	●	●	●	●
0.5~6		●	●	●	●	●	●	●	●
0.5~8		●	●	●	●	●	●	●	●
0.5~18		●	●	●		●	●	●	
0.7~6		●	●	●	●	●	●	●	●
0.7~8		●	●	●	●	●	●	●	●
0.7~18		●	●	●		●	●	●	
1~6		●	●	●	●	●	●	●	●
1~8		●	●	●	●	●	●	●	●
1~18		●	●	●		●	●	●	
2~6		●	●	●	●	●	●	●	●
2~8		●	●	●	●	●	●	●	●
2~18		●	●	●		●	●	●	
6~18		●	●	●		●	●	●	



# High Power Directional Coupler

	Freq. Range (GHz)	P/N	CW Power	Nominal Coupling	Main Line VSWR	Coupling VSWR	Insertion Loss*	Coupling	Flatness	Directivity	Dimension
			Max.(W)	(dB)	Max.(:1)	Max.(:1)	Max.(dB)	Max.(dB)	Max.(dB)	Min.(dB)	LxWxH (mm)
0.3~6		D3002H003060	120	30	1.3	1.3	0.8	30±1.0	±0.9	18	173×17.5×23
		D4002H003060	120	40	1.3	1.3	0.8	40±1.0	±0.9	18	173×17.5×23
		D3005H003060	250	30	1.4	1.4	0.6	30±0.9	±1.2	15	211.9×20×35
		D4005H003060	250	40	1.4	1.4	0.6	40±1.0	±1.3	15	211.9×20×35
		D3008H003060	400	30	1.4	1.4	0.6	30±0.9	±1.2	15	217.9×30×43.4
		D4008H003060	400	40	1.4	1.4	0.6	40±1.0	±1.3	15	217.9×30×43.4
		D3012H003060	600	30	1.4	1.4	0.6	30±0.9	±1.2	15	217.9×30×43.4
		D4012H003060	600	40	1.4	1.4	0.6	40±1.0	±1.3	15	217.9×30×43.4
0.3~8		D3002H003080	120	30	1.3	1.3	0.9	30±1.0	±0.9	18	173×17.5×23
		D4002H003080	120	40	1.3	1.3	0.9	40±1.0	±0.9	18	173×17.5×23
		D3005H003080	250	30	1.4	1.4	0.7	30±1.0	±1.3	14	211.9×20×35
		D4005H003080	250	40	1.4	1.4	0.7	40±1.1	±1.4	14	211.9×20×35
		D3008H003080	400	30	1.4	1.4	0.7	30±1.0	±1.3	14	217.9×30×43.4
		D4008H003080	400	40	1.4	1.4	0.7	40±1.1	±1.4	14	217.9×30×43.4
		D3012H003080	600	30	1.4	1.4	0.7	30±1.0	±1.3	14	217.9×30×43.4
		D4012H003080	600	40	1.4	1.4	0.7	40±1.1	±1.4	14	217.9×30×43.4
0.4~6		D3002H004060	120	30	1.3	1.3	0.7	30±1.0	±0.8	18	139.7×17.5×23
		D4002H004060	120	40	1.3	1.3	0.7	40±1.0	±0.8	18	139.7×17.5×23
		D3005H004060	250	30	1.3	1.3	0.6	30±0.8	±1.2	15	181.5×20×35
		D4005H004060	250	40	1.3	1.3	0.6	40±0.9	±1.3	15	181.5×20×35
		D3008H004060	400	30	1.3	1.3	0.6	30±0.8	±1.2	15	187.5×30×43.4
		D4008H004060	400	40	1.3	1.3	0.6	40±0.9	±1.3	15	187.5×30×43.4
		D3012H004060	600	30	1.3	1.3	0.6	30±0.8	±1.2	15	187.5×30×43.4
		D4012H004060	600	40	1.3	1.3	0.6	40±0.9	±1.3	15	187.5×30×43.4
0.4~8		D3002H004080	120	30	1.3	1.3	0.8	30±1.0	±0.8	18	139.7×17.5×23
		D4002H004080	120	40	1.3	1.3	0.8	40±1.0	±0.8	18	139.7×17.5×23
		D3005H004080	250	30	1.4	1.4	0.7	30±0.9	±1.3	14	181.5×20×35
		D4005H004080	250	40	1.4	1.4	0.7	40±1.0	±1.4	14	181.5×20×35
		D3008H004080	400	30	1.4	1.4	0.7	30±0.9	±1.3	14	187.5×30×43.4
		D4008H004080	400	40	1.4	1.4	0.7	40±1.0	±1.4	14	187.5×30×43.4
		D3012H004080	600	30	1.4	1.4	0.7	30±0.9	±1.3	14	187.5×30×43.4
		D4012H004080	600	40	1.4	1.4	0.7	40±1.0	±1.4	14	187.5×30×43.4
0.5~6		D3002H005060	120	30	1.3	1.3	0.6	30±1.0	±0.7	18	111.8×17.5×23
		D4002H005060	120	40	1.3	1.3	0.6	40±1.0	±0.7	18	111.8×17.5×23
		D3005H005060	250	30	1.3	1.3	0.4	30±0.7	±1.0	15	168.8×20×35
		D4005H005060	250	40	1.3	1.3	0.4	40±0.8	±1.1	15	168.8×20×35
		D3008H005060	400	30	1.3	1.3	0.4	30±0.7	±1.0	15	174.8×30×43.4
		D4008H005060	400	40	1.3	1.3	0.4	40±0.8	±1.1	15	174.8×30×43.4
		D3012H005060	600	30	1.3	1.3	0.4	30±0.7	±1.0	15	174.8×30×43.4
		D4012H005060	600	40	1.3	1.3	0.4	40±0.8	±1.1	15	174.8×30×43.4
0.5~8		D3002H005080	120	30	1.3	1.3	0.7	30±1.0	±0.7	16	111.8×17.5×23
		D4002H005080	120	40	1.3	1.3	0.7	40±1.0	±0.7	16	111.8×17.5×23
		D3005H005080	250	30	1.4	1.4	0.5	30±0.8	±1.1	14	168.8×20×35
		D4005H005080	250	40	1.4	1.4	0.5	40±0.9	±1.2	14	168.8×20×35
		D3008H005080	400	30	1.4	1.4	0.5	30±0.8	±1.1	14	174.8×30×43.4
		D4008H005080	400	40	1.4	1.4	0.5	40±0.9	±1.2	14	174.8×30×43.4
		D3012H005080	600	30	1.4	1.4	0.5	30±0.8	±1.1	14	174.8×30×43.4
		D4012H005080	600	40	1.4	1.4	0.5	40±0.9	±1.2	14	174.8×30×43.4
0.5~18		D3002H005180	120	30	1.5	1.6	1.0	30±1.2	±1.2	10	168.8×20×35
		D4002H005180	120	40	1.5	1.6	1.0	40±1.2	±1.4	10	168.8×20×35

\*Theoretical I.L. Included

	Freq. Range (GHz)	P/N	CW Power	Nominal Coupling	Main Line VSWR	Coupling VSWR	Insertion Loss*	Coupling	Flatness	Directivity	Dimension
			Max.(W)	(dB)	Max.(:1)	Max.(:1)	Max.(dB)	Max.(dB)	Max.(dB)	Min.(dB)	LxWxH (mm)
0.5~18		D3005H005180	250	30	1.5	1.6	1.0	30±1.2	±1.2	10	168.8×20×35
		D4005H005180	250	40	1.5	1.6	1.0	40±1.2	±1.4	10	168.8×20×35
		D3008H005180	400	30	1.5	1.6	1.0	30±1.2	±1.2	10	174.8×30×43.4
		D4008H005180	400	40	1.5	1.6	1.0	40±1.2	±1.4	10	174.8×30×43.4
0.7~6		D3002H007060	120	30	1.3	1.3	0.6	30±0.9	±0.7	18	111.8×17.5×23
		D4002H007060	120	40	1.3	1.3	0.5	40±0.9	±0.7	18	111.8×17.5×23
		D3005H007060	250	30	1.3	1.3	0.4	30±0.7	±0.9	15	138.3×20×35
		D4005H007060	250	40	1.3	1.3	0.4	40±0.7	±0.9	15	138.3×20×35
		D3008H007060	400	30	1.3	1.3	0.4	30±0.7	±0.9	15	144.3×30×43.4
		D4008H007060	400	40	1.3	1.3	0.4	40±0.7	±0.9	15	144.3×30×43.4
		D3012H007060	600	30	1.3	1.3	0.4	30±0.7	±0.9	15	144.3×30×43.4
		D4012H007060	600	40	1.3	1.3	0.4	40±0.7	±0.9	15	144.3×30×43.4
0.7~8		D3002H007080	120	30	1.3	1.3	0.7	30±0.9	±0.7	16	111.8×17.5×23
		D4002H007080	120	40	1.3	1.3	0.7	40±0.9	±0.7	16	111.8×17.5×23
		D3005H007080	250	30	1.4	1.4	0.5	30±0.8	±1.0	14	138.3×20×35
		D4005H007080	250	40	1.4	1.4	0.5	40±0.8	±1.0	14	138.3×20×35
		D3008H007080	400	30	1.4	1.4	0.5	30±0.8	±1.0	14	144.3×30×43.4
		D4008H007080	400	40	1.4	1.4	0.5	40±0.8	±1.0	14	144.3×30×43.4
		D3012H007080	600	30	1.4	1.4	0.5	30±0.8	±1.0	14	144.3×30×43.4
		D4012H007080	600	40	1.4	1.4	0.5	40±0.8	±1.0	14	144.3×30×43.4
0.7~18		D3002H007180	120	30	1.5	1.6	0.9	30±1.2	±1.1	10	138.3×20×35
		D4002H007180	120	40	1.5	1.6	0.9	40±1.2	±1.2	10	138.3×20×35
		D3005H007180	250	30	1.5	1.6	0.9	30±1.2	±1.1	10	138.3×20×35
		D4005H007180	250	40	1.5	1.6	0.9	40±1.2	±1.2	10	138.3×20×35
		D3008H007180	400	30	1.5	1.6	0.9	30±1.2	±1.1	10	144.3×30×43.4
		D4008H007180	400	40	1.5	1.6	0.9	40±1.2	±1.2	10	144.3×30×43.4
1~6		D3002H010060	120	30	1.3	1.3	0.5	30±0.8	±0.5	18	88.9×17.5×23
		D4002H010060	120	40	1.3	1.3	0.5	40±0.8	±0.5	18	88.9×17.5×23
		D3005H010060	250	30	1.3	1.3	0.4	30±0.7	±0.9	15	101.6×20×35
		D4005H010060	250	40	1.3	1.3	0.4	40±0.7	±0.9	15	101.6×20×35
		D3008H010060	400	30	1.3	1.3	0.4	30±0.7	±0.9	15	107.6×30×43.4
		D4008H010060	400	40	1.3	1.3	0.4	40±0.7	±0.9	15	107.6×30×43.4
		D3012H010060	600	30	1.3	1.3	0.4	30±0.7	±0.9	15	107.6×30×43.4
		D4012H010060	600	40	1.3	1.3	0.4	40±0.7	±0.9	15	107.6×30×43.4
1~8		D3002H010080	120	30	1.3	1.3	0.6	30±0.8	±0.5	18	88.9×17.5×23
		D4002H010080	120	40	1.3	1.3	0.6	40±0.8	±0.5	18	88.9×17.5×23
		D3005H010080	250	30	1.4	1.4	0.4	30±0.8	±0.9	14	101.6×20×35
		D4005H010080	250	40	1.4	1.4	0.4	40±0.8	±0.9	14	101.6×20×35
		D3008H010080	400	30	1.4	1.4	0.4	30±0.8	±0.9	14	107.6×30×43.4
		D4008H010080	400	40	1.4	1.4	0.4	40±0.8	±0.9	14	107.6×30×43.4
		D3012H010080	600	30	1.4	1.4	0.4	30±0.8	±0.9	14	107.6×30×43.4
		D4012H010080	600	40	1.4	1.4	0.4	40±0.8	±0.9	14	107.6×30×43.4
1~18		D3002H010180	120	30	1.5	1.6	0.6	30±1.2	±1.0	10	101.6×20×35
		D4002H010180	120	40	1.5	1.6	0.6	40±1.2	±1.0	10	101.6×20×35
		D3005H010180	250	30	1.5	1.6	0.6	30±1.2	±1.0	10	101.6×20×35
		D4005H010180	250	40	1.5	1.6	0.6	40±1.2	±1.0	10	101.6×20×35
		D3008H010180	400	30	1.5	1.6	0.6	30±1.2	±1.0	10	107.6×30×43.4
		D4008H010180	400	40	1.5	1.6	0.6	40±1.2	±1.0	10	107.6×30×43.4
2~6		D3002H020060	120	30	1.3	1.3	0.4	30±0.8	±0.5	18	57.2×17.5×23
		D4002H020060	120	40	1.3	1.3	0.4	40±0.8	±0.5	18	57.2×17.5×23
		D3005H020060	250	30	1.3	1.3	0.4	30±0.7	±0.7	15	80.7×20×35
		D4005H020060	250	40	1.3	1.3	0.4	40±0.7	±0.7	15	80.7×20×35

\*Theoretical I.L. Included

High Power Directional Coupler	Freq. Range (GHz)	P/N	CW Power Max.(W)	Nominal Coupling (dB)	Main Line VSWR Max.(∟)	Coupling VSWR Max.(∟)	Insertion Loss* Max.(dB)	Coupling Max.(dB)	Flatness Max.(dB)	Directivity Min.(dB)	Dimension LxWxH (mm)
	2~6	D3008H020060	<b>400</b>	30	1.3	1.3	0.4	30±0.7	±0.7	15	86.7×30×43.4
D4008H020060		<b>400</b>	40	1.3	1.3	0.4	40±0.7	±0.7	15	86.7×30×43.4	
D3012H020060		<b>600</b>	30	1.3	1.3	0.4	30±0.7	±0.7	15	86.7×30×43.4	
D4012H020060		<b>600</b>	40	1.3	1.3	0.4	40±0.7	±0.7	15	86.7×30×43.4	
2~8	D3002H020080	<b>120</b>	30	1.3	1.3	0.5	30±0.8	±0.5	18	57.2×17.5×23	
	D4002H020080	<b>120</b>	40	1.3	1.3	0.5	40±0.8	±0.5	18	57.2×17.5×23	
	D3005H020080	<b>250</b>	30	1.4	1.4	0.4	30±0.8	±0.7	14	80.7×20×35	
	D4005H020080	<b>250</b>	40	1.4	1.4	0.4	40±0.8	±0.7	14	80.7×20×35	
	D3008H020080	<b>400</b>	30	1.4	1.4	0.4	30±0.8	±0.7	14	86.7×30×43.4	
	D4008H020080	<b>400</b>	40	1.4	1.4	0.4	40±0.8	±0.7	14	86.7×30×43.4	
	D3012H020080	<b>600</b>	30	1.4	1.4	0.4	30±0.8	±0.7	14	86.7×30×43.4	
	D4012H020080	<b>600</b>	40	1.4	1.4	0.4	40±0.8	±0.7	14	86.7×30×43.4	
	D5012H020080	<b>600</b>	50	1.4	1.4	0.4	50±1.5	±1.2	14	86.7×30×43.4	
	2~18	D3002H020180	<b>120</b>	30	1.5	1.6	0.6	30±1.0	±0.8	10	80.7×20×35
D4002H020180		<b>120</b>	40	1.5	1.6	0.6	40±1.0	±0.8	10	80.7×20×35	
D3005H020180		<b>250</b>	30	1.5	1.6	0.6	30±1.0	±0.8	10	80.7×20×35	
D4005H020180		<b>250</b>	40	1.5	1.6	0.6	40±1.0	±0.8	10	80.7×20×35	
D3008H020180		<b>400</b>	30	1.5	1.6	0.6	30±1.0	±0.8	10	86.7×30×43.4	
D4008H020180		<b>400</b>	40	1.5	1.6	0.6	40±1.0	±0.8	10	86.7×30×43.4	
D5008H020180		<b>400</b>	50	1.5	1.6	0.6	50±2.0	±1.5	10	86.7×30×43.4	
6~18	D3002H060180	<b>120</b>	30	1.5	1.6	0.5	30±1.0	±0.7	10	69.7×20×35	
	D4002H060180	<b>120</b>	40	1.5	1.6	0.5	40±1.0	±0.7	10	69.7×20×35	
	D3005H060180	<b>250</b>	30	1.5	1.6	0.5	30±1.0	±0.7	10	69.7×20×35	
	D4005H060180	<b>250</b>	40	1.5	1.6	0.5	40±1.0	±0.7	10	69.7×20×35	
	D3008H060180	<b>400</b>	30	1.5	1.6	0.5	30±1.0	±0.7	10	75.7×30×43.4	
	D4008H060180	<b>400</b>	40	1.5	1.6	0.5	40±1.0	±0.7	10	75.7×30×43.4	

\*Theoretical I.L. Included

## High Power Dual-Directional Coupler

High Power Dual-Directional Coupler	Freq. Range (GHz)	P/N	CW Power Max.(W)	Nominal Coupling (dB)	Main Line VSWR Max.(∟)	Coupling VSWR Max.(∟)	Insertion Loss* Max.(dB)	Coupling Max.(dB)	Flatness Max.(dB)	Directivity Min.(dB)	Dimension LxWxH (mm)
	0.3~6	D3002HB003060	<b>120</b>	30	1.3	1.3	0.8	30±1.0	±1.1	18	173×17.5×30
D4002HB003060		<b>120</b>	40	1.3	1.3	0.8	40±1.0	±1.1	18	173×17.5×30	
D3005HB003060		<b>250</b>	30	1.4	1.4	0.7	30±0.9	±1.5	15	211.9×20×45	
D4005HB003060		<b>250</b>	40	1.4	1.4	0.7	40±1.0	±1.6	15	211.9×20×45	
D3008HB003060		<b>400</b>	30	1.4	1.4	0.7	30±0.9	±1.5	15	225.9×25.4×47.5	
D4008HB003060		<b>400</b>	40	1.4	1.4	0.7	40±1.0	±1.6	15	225.9×25.4×47.5	
D3012HB003060		<b>600</b>	30	1.4	1.4	0.7	30±0.9	±1.5	15	225.9×25.4×47.5	
D4012HB003060		<b>600</b>	40	1.4	1.4	0.7	40±1.0	±1.6	15	225.9×25.4×47.5	
0.3~8	D3002HB003080	<b>120</b>	30	1.3	1.3	0.9	30±1.0	±1.1	18	173×17.5×30	
	D4002HB003080	<b>120</b>	40	1.3	1.3	0.9	40±1.0	±1.1	18	173×17.5×30	
	D3005HB003080	<b>250</b>	30	1.4	1.4	0.8	30±1.0	±1.6	14	211.9×20×45	
	D4005HB003080	<b>250</b>	40	1.4	1.4	0.8	40±1.1	±1.7	14	211.9×20×45	
	D3008HB003080	<b>400</b>	30	1.4	1.4	0.8	30±1.0	±1.6	14	225.9×25.4×47.5	
	D4008HB003080	<b>400</b>	40	1.4	1.4	0.8	40±1.1	±1.7	14	225.9×25.4×47.5	
	D3012HB003080	<b>600</b>	30	1.4	1.4	0.8	30±1.0	±1.6	14	225.9×25.4×47.5	
	D4012HB003080	<b>600</b>	40	1.4	1.4	0.8	40±1.1	±1.7	14	225.9×25.4×47.5	
0.4~6	D3002HB004060	<b>120</b>	30	1.3	1.3	0.7	30±1.0	±1.0	18	139.7×17.5×30	
	D4002HB004060	<b>120</b>	40	1.3	1.3	0.7	40±1.0	±1.0	18	139.7×17.5×30	
	D3005HB004060	<b>250</b>	30	1.3	1.3	0.6	30±0.8	±1.4	15	181.5×20×45	
	D4005HB004060	<b>250</b>	40	1.3	1.3	0.6	40±0.9	±1.5	15	181.5×20×45	
	D3008HB004060	<b>400</b>	30	1.3	1.3	0.6	30±0.8	±1.4	15	195.5×25.4×47.5	
	D4008HB004060	<b>400</b>	40	1.3	1.3	0.6	40±0.9	±1.5	15	195.5×25.4×47.5	
	D3012HB004060	<b>600</b>	30	1.3	1.3	0.6	30±0.8	±1.4	15	195.5×25.4×47.5	
	D4012HB004060	<b>600</b>	40	1.3	1.3	0.6	40±0.9	±1.5	15	195.5×25.4×47.5	

\*Theoretical I.L. Included

	Freq. Range (GHz)	P/N	CW Power	Nominal Coupling	Main Line VSWR	Coupling VSWR	Insertion Loss*	Coupling	Flatness	Directivity	Dimension
			Max.(W)	(dB)	Max.(∶1)	Max.(∶1)	Max.(dB)	Max.(dB)	Max.(dB)	Min.(dB)	LxWxH (mm)
0.4~8	D3002HB004080	<b>120</b>	30	1.3	1.3	0.8	30±1.0	±1.0	18	139.7×17.5×30	
	D4002HB004080	<b>120</b>	40	1.3	1.3	0.8	40±1.0	±1.0	18	139.7×17.5×30	
	D3005HB004080	<b>250</b>	30	1.4	1.4	0.7	30±0.9	±1.5	14	181.5×20×45	
	D4005HB004080	<b>250</b>	40	1.4	1.4	0.7	40±1.0	±1.6	14	181.5×20×45	
	D3008HB004080	<b>400</b>	30	1.4	1.4	0.7	30±0.9	±1.5	14	195.5×25.4×47.5	
	D4008HB004080	<b>400</b>	40	1.4	1.4	0.7	40±1.0	±1.6	14	195.5×25.4×47.5	
	D3012HB004080	<b>600</b>	30	1.4	1.4	0.7	30±0.9	±1.5	14	195.5×25.4×47.5	
	D4012HB004080	<b>600</b>	40	1.4	1.4	0.7	40±1.0	±1.6	14	195.5×25.4×47.5	
	0.5~6	D3002HB005060	<b>120</b>	30	1.3	1.3	0.6	30±1.0	±1.0	18	111.8×17.5×30
		D4002HB005060	<b>120</b>	40	1.3	1.3	0.6	40±1.0	±1.0	18	111.8×17.5×30
D3005HB005060		<b>250</b>	30	1.3	1.3	0.6	30±0.7	±1.2	15	168.8×20×45	
D4005HB005060		<b>250</b>	40	1.3	1.3	0.6	40±0.8	±1.3	15	168.8×20×45	
D3008HB005060		<b>400</b>	30	1.3	1.3	0.6	30±0.7	±1.2	15	182.8×25.4×47.5	
D4008HB005060		<b>400</b>	40	1.3	1.3	0.6	40±0.8	±1.3	15	182.8×25.4×47.5	
D3012HB005060		<b>600</b>	30	1.3	1.3	0.6	30±0.7	±1.2	15	182.8×25.4×47.5	
D4012HB005060		<b>600</b>	40	1.3	1.3	0.6	40±0.8	±1.3	15	182.8×25.4×47.5	
0.5~8	D3002HB005080	<b>120</b>	30	1.3	1.3	0.7	30±1.0	±1.0	18	111.8×17.5×30	
	D4002HB005080	<b>120</b>	40	1.3	1.3	0.7	40±1.0	±1.0	18	111.8×17.5×30	
	D3005HB005080	<b>250</b>	30	1.4	1.4	0.7	30±0.8	±1.3	14	168.8×20×45	
	D4005HB005080	<b>250</b>	40	1.4	1.4	0.7	40±0.9	±1.4	14	168.8×20×45	
	D3008HB005080	<b>400</b>	30	1.4	1.4	0.7	30±0.8	±1.3	14	182.8×25.4×47.5	
	D4008HB005080	<b>400</b>	40	1.4	1.4	0.7	40±0.9	±1.4	14	182.8×25.4×47.5	
	D3012HB005080	<b>600</b>	30	1.4	1.4	0.7	30±0.8	±1.3	14	182.8×25.4×47.5	
	D4012HB005080	<b>600</b>	40	1.4	1.4	0.7	40±0.9	±1.4	14	182.8×25.4×47.5	
0.5~18	D3002HB005180	<b>120</b>	30	1.5	1.6	1.0	30±1.2	±1.5	10	168.8×20×45	
	D4002HB005180	<b>120</b>	40	1.5	1.6	1.0	40±1.2	±1.7	10	168.8×20×45	
	D3005HB005180	<b>250</b>	30	1.5	1.6	1.0	30±1.2	±1.5	10	168.8×20×45	
	D4005HB005180	<b>250</b>	40	1.5	1.6	1.0	40±1.2	±1.7	10	168.8×20×45	
	D3008HB005180	<b>400</b>	30	1.5	1.6	1.0	30±1.2	±1.5	10	182.8×25.4×47.5	
	D4008HB005180	<b>400</b>	40	1.5	1.6	1.0	40±1.2	±1.7	10	182.8×25.4×47.5	
0.7~6	D3002HB007060	<b>120</b>	30	1.3	1.3	0.6	30±1.0	±1.0	18	111.8×17.5×30	
	D4002HB007060	<b>120</b>	40	1.3	1.3	0.6	40±1.0	±1.0	18	111.8×17.5×30	
	D3005HB007060	<b>250</b>	30	1.3	1.3	0.5	30±0.7	±1.1	15	138.3×20×45	
	D4005HB007060	<b>250</b>	40	1.3	1.3	0.5	40±0.7	±1.1	15	138.3×20×45	
	D3008HB007060	<b>400</b>	30	1.3	1.3	0.5	30±0.7	±1.1	15	152.3×25.4×47.5	
	D4008HB007060	<b>400</b>	40	1.3	1.3	0.5	40±0.7	±1.1	15	152.3×25.4×47.5	
	D3012HB007060	<b>600</b>	30	1.3	1.3	0.5	30±0.7	±1.1	15	152.3×25.4×47.5	
	D4012HB007060	<b>600</b>	40	1.3	1.3	0.5	40±0.7	±1.1	15	152.3×25.4×47.5	
0.7~8	D3002HB007080	<b>120</b>	30	1.3	1.3	0.7	30±1.0	±1.0	18	111.8×17.5×30	
	D4002HB007080	<b>120</b>	40	1.3	1.3	0.7	40±1.0	±1.0	18	111.8×17.5×30	
	D3005HB007080	<b>250</b>	30	1.4	1.4	0.6	30±0.8	±1.2	14	138.3×20×45	
	D4005HB007080	<b>250</b>	40	1.4	1.4	0.6	40±0.8	±1.2	14	138.3×20×45	
	D3008HB007080	<b>400</b>	30	1.4	1.4	0.6	30±0.8	±1.2	14	152.3×25.4×47.5	
	D4008HB007080	<b>400</b>	40	1.4	1.4	0.6	40±0.8	±1.2	14	152.3×25.4×47.5	
	D3012HB007080	<b>600</b>	30	1.4	1.4	0.6	30±0.8	±1.2	14	152.3×25.4×47.5	
	D4012HB007080	<b>600</b>	40	1.4	1.4	0.6	40±0.8	±1.2	14	152.3×25.4×47.5	
0.7~18	D3002HB007180	<b>120</b>	30	1.5	1.6	0.9	30±1.2	±1.4	10	138.3×20×45	
	D4002HB007180	<b>120</b>	40	1.5	1.6	0.9	40±1.2	±1.5	10	138.3×20×45	
	D3005HB007180	<b>250</b>	30	1.5	1.6	0.9	30±1.2	±1.4	10	138.3×20×45	
	D4005HB007180	<b>250</b>	40	1.5	1.6	0.9	40±1.2	±1.5	10	138.3×20×45	
	D3008HB007180	<b>400</b>	30	1.5	1.6	0.9	30±1.2	±1.4	10	152.3×25.4×47.5	
	D4008HB007180	<b>400</b>	40	1.5	1.6	0.9	40±1.2	±1.5	10	152.3×25.4×47.5	

\*Theoretical I.L. Included

	Freq. Range	P/N	CW Power	Nominal Coupling	Main Line VSWR	Coupling VSWR	Insertion Loss*	Coupling	Flatness	Directivity	Dimension
	(GHz)		Max.(W)	(dB)	Max.(1)	Max.(1)	Max.(dB)	Max.(dB)	Max.(dB)	Min.(dB)	LxWxH (mm)
1~6		D3002HB010060	120	30	1.3	1.3	0.5	30±0.8	±0.7	18	88.9×17.5×30
		D4002HB010060	120	40	1.3	1.3	0.5	40±0.8	±0.7	18	88.9×17.5×30
		D3005HB010060	250	30	1.3	1.3	0.5	30±0.7	±1.1	15	101.6×20×45
		D4005HB010060	250	40	1.3	1.3	0.5	40±0.7	±1.1	15	101.6×20×45
		D3008HB010060	400	30	1.3	1.3	0.5	30±0.7	±1.1	15	115.6×25.4×47.5
		D4008HB010060	400	40	1.3	1.3	0.5	40±0.7	±1.1	15	115.6×25.4×47.5
		D3012HB010060	600	30	1.3	1.3	0.5	30±0.7	±1.1	15	115.6×25.4×47.5
		D4012HB010060	600	40	1.3	1.3	0.5	40±0.7	±1.1	15	115.6×25.4×47.5
1~8		D3002HB010080	120	30	1.3	1.3	0.6	30±0.8	±0.7	18	88.9×17.5×30
		D4002HB010080	120	40	1.3	1.3	0.6	40±0.8	±0.7	18	88.9×17.5×30
		D3005HB010080	250	30	1.4	1.4	0.6	30±0.8	±1.1	14	101.6×20×45
		D4005HB010080	250	40	1.4	1.4	0.6	40±0.8	±1.1	14	101.6×20×45
		D3008HB010080	400	30	1.4	1.4	0.6	30±0.8	±1.1	14	115.6×25.4×47.5
		D4008HB010080	400	40	1.4	1.4	0.6	40±0.8	±1.1	14	115.6×25.4×47.5
		D3012HB010080	600	30	1.4	1.4	0.6	30±0.8	±1.1	14	115.6×25.4×47.5
		D4012HB010080	600	40	1.4	1.4	0.6	40±0.8	±1.1	14	115.6×25.4×47.5
1~18		D3002HB010180	120	30	1.5	1.6	0.8	30±1.2	±1.2	10	101.6×20×45
		D4002HB010180	120	40	1.5	1.6	0.8	40±1.2	±1.2	10	101.6×20×45
		D3005HB010180	250	30	1.5	1.6	0.8	30±1.2	±1.2	10	101.6×20×45
		D4005HB010180	250	40	1.5	1.6	0.8	40±1.2	±1.2	10	101.6×20×45
		D3008HB010180	400	30	1.5	1.6	0.8	30±1.2	±1.2	10	115.6×25.4×47.5
		D4008HB010180	400	40	1.5	1.6	0.8	40±1.2	±1.2	10	115.6×25.4×47.5
2~6		D3002HB020060	120	30	1.3	1.3	0.4	30±0.8	±0.7	18	57.2×17.5×30
		D4002HB020060	120	40	1.3	1.3	0.4	40±0.8	±0.7	18	57.2×17.5×30
		D3005HB020060	250	30	1.3	1.3	0.4	30±0.7	±0.9	15	80.7×20×45
		D4005HB020060	250	40	1.3	1.3	0.4	40±0.7	±0.9	15	80.7×20×45
		D3008HB020060	400	30	1.3	1.3	0.4	30±0.7	±0.9	15	94.7×25.4×47.5
		D4008HB020060	400	40	1.3	1.3	0.4	40±0.7	±0.9	15	94.7×25.4×47.5
		D3012HB020060	600	30	1.3	1.3	0.4	30±0.7	±0.9	15	94.7×25.4×47.5
		D4012HB020060	600	40	1.3	1.3	0.4	40±0.7	±0.9	15	94.7×25.4×47.5
2~8		D3002HB020080	120	30	1.3	1.3	0.5	30±0.8	±0.7	18	57.2×17.5×30
		D4002HB020080	120	40	1.3	1.3	0.5	40±0.8	±0.7	18	57.2×17.5×30
		D3005HB020080	250	30	1.4	1.4	0.4	30±0.8	±0.9	14	80.7×20×45
		D4005HB020080	250	40	1.4	1.4	0.4	40±0.8	±0.9	14	80.7×20×45
		D3008HB020080	400	30	1.4	1.4	0.4	30±0.8	±0.9	14	94.7×25.4×47.5
		D4008HB020080	400	40	1.4	1.4	0.4	40±0.8	±0.9	14	94.7×25.4×47.5
		D3012HB020080	600	30	1.4	1.4	0.4	30±0.8	±0.9	14	94.7×25.4×47.5
		D4012HB020080	600	40	1.4	1.4	0.4	40±0.8	±0.9	14	94.7×25.4×47.5
		D5012HB020080	600	50	1.4	1.4	0.4	50±1.5	±1.2	14	94.7×25.4×47.5
	2~18		D3002HB020180	120	30	1.5	1.6	0.6	30±1.0	±1.0	10
		D4002HB020180	120	40	1.5	1.6	0.6	40±1.0	±1.0	10	80.7×20×45
		D3005HB020180	250	30	1.5	1.6	0.6	30±1.0	±1.0	10	80.7×20×45
		D4005HB020180	250	40	1.5	1.6	0.6	40±1.0	±1.0	10	80.7×20×45
		D3008HB020180	400	30	1.5	1.6	0.6	30±1.0	±1.0	10	94.7×25.4×47.5
		D4008HB020180	400	40	1.5	1.6	0.6	40±1.0	±1.0	10	94.7×25.4×47.5
6~18		D3002HB060180	120	30	1.5	1.6	0.5	30±1.0	±0.9	10	69.7×20×45
		D4002HB060180	120	40	1.5	1.6	0.5	40±1.0	±0.9	10	69.7×20×45
		D3005HB060180	250	30	1.5	1.6	0.5	30±1.0	±0.9	10	69.7×20×45
		D4005HB060180	250	40	1.5	1.6	0.5	40±1.0	±0.9	10	69.7×20×45
		D3008HB060180	400	30	1.5	1.6	0.5	30±1.0	±0.9	10	83.7×25.4×47.5
		D4008HB060180	400	40	1.5	1.6	0.5	40±1.0	±0.9	10	83.7×25.4×47.5

\*Theoretical I.L. Included



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