



2-way 0° 1 to 2000MHz

P/N	Freq. Range (MHz) f_L-f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-S-2-1-600	1-600	0.4/0.7	0.5/0.8	0.6/1.0	25/20	30/20	25/20			5	0.6	S2
JXWBGF-S-2-10-1000	10-1000	0.4/0.7	0.5/0.8	0.6/1.0	25/20	30/20	20/18			7	0.7	S2
JXWBGF-S-2-5-2000	5-2000	0.6/0.8	0.7/1.0	0.8/1.8	15	18	18			8	0.6	S2
JXWBGF-S-2-1900-2100	1900-2100	-	0.4/0.6	-	-	20	-			2	0.3	S2

Notes:

- Operating Temperature : -40°C to +80°C. Storage Temperature : -55°C to +85°C.
- L=low range [f_L to 10 f_L] M=mid range [10 f_L to $f_U/2$] U=upper range [$f_U/2$ to f_U]

2-way 90° Narrowband 10.7 to 1575MHz

P/N	Freq. Range (MHz) f_o	Insertion Loss (dB) Typ/Max	Isolation (dB) Typ/Min	VSWR		Unbalance		Case
				In	Out	Phase (°)	Amp. (dB)	
						Max	Max	
JXWBGF-S-2-90-10.2-11.2	10.2-11.2	0.2/0.3	25/20	1.2		3	0.8	S2
JXWBGF-S-2-90-66.5-73.5	66.5-73.5	0.2/0.5	25/17	1.2		0.8	0.25	S2
JXWBGF-S-2-90-427.5-472.5	427.5-472.5	0.2/0.5	25/17	1.3		3	0.9	S2
JXWBGF-S-2-90-836-924	836-924	0.2/0.5	25/15	1.3		4	1.0	S2
JXWBGF-S-2-90-1496.3-1653.7	1496.3-1653.7	0.3/0.6	17/13	1.3		5	1.0	S2

Notes:

- Operating Temperature : -40°C to +80°C. Storage Temperature : -55°C to +85°C.

2-way 90° 10 to 400MHz

P/N	Freq. Range (MHz) f_L-f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-S-2-90-10-20	10-20	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-20-40	20-40	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-25-50	25-50	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-35-70	35-70	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-55-90	55-90	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-60-120	60-120	-	0.3/0.7	-	-	25/20	-	1.2		3	1	S2
JXWBGF-S-2-90-100-180	100-180	-	0.3/0.7	-	-	25/17	-	1.2		3	1	S2
JXWBGF-S-2-90-120-240	120-240	-	0.4/0.8	-	-	25/17	-	1.2		3	1	S2
JXWBGF-S-2-90-150-250	150-250	-	0.4/0.8	-	-	25/17	-	1.2		3	1	S2
JXWBGF-S-2-90-200-400	200-400	-	0.6/1.2	-	-	25/17	-	1.3		4	1	S2

Notes:

- Operating Temperature : -40°C to +80°C. Storage Temperature : -55°C to +85°C.
- L=low range [f_L to 10 f_L] M=mid range [10 f_L to $f_U/2$] U=upper range [$f_U/2$ to f_U]



S2

3-way 0° 5 to 600MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-S-3-5-300	5-300	0.3/0.6	0.4/0.7	0.5/1.5	30/25	35/30	30/20			7	0.6	S2
JXWBGF-S-3-5-600	5-600	0.6/1.0	0.9/1.4	1.0/1.8	22/18	22/18	22/18			7	0.7	S2

Notes:

1. Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
2. L=low range [f_L to 10 f_L] M=mid range [10 f_L to f_U/2] U=upper range[f_U/2 to f_U]

4-way 0° 10 to 900MHz

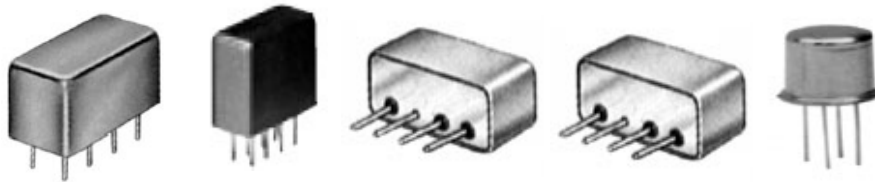
P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-S-4-10-400	10-400	1.0/1.3	1.3/1.5	1.4/1.8	25/18	20/17	20/17			5	0.7	S2
JXWBGF-S-4-855-945	855-945	-	0.8/1.0	-	-	20	-			5	1.0	S2

Notes:

1. Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
2. L=low range [f_L to 10 f_L] M=mid range [10 f_L to f_U/2] U=upper range[f_U/2 to f_U]

Power Divider

Plug-in



A1

A4

B1

B2

E

2-way 0° 0.005 to 2000MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°) Max	Amp. (dB) Max	
								Typ/Max	Typ/Max			
JXWBGF-A-2-0.1-400	0.1-400	0.2/0.6	0.4/0.7	0.6/1.0	20/15	25/20	25/20			4	0.3	A1
JXWBGF-A-2-1-600	1-600	0.3/0.6	0.5/0.9	0.7/1.0	25/20	30/20	25/20			4	0.3	A1
JXWBGF-A-2-0.005-60	0.005-60	0.3/0.6	0.3/0.6	0.6/1.0	25/20	25/20	25/20			4	0.3	A1
JXWBGF-A-2-10-1000	10-1000	0.6/1.0	0.6/1.0	0.7/1.2	25/20	25/20	25/20			8	0.4	A1
JXWBGF-A-2-10-1400	10-1400	0.3/0.6	0.6/1.0	0.9/1.6	18	17	17			8	0.4	A1
JXWBGF-A-2-10-2000	10-2000	0.6/0.8	0.6/0.8	1.0/1.2	18/16	20/16	18/15			5	0.5	A1
JXWBGF-A-2-0.1-450	0.1-450	0.3/0.5	0.4/0.75	0.6/1.0	20/15	30/20	30/20			4	0.3	A4
JXWBGF-A-2-2-650	2-650	0.3/0.5	0.6/0.8	0.8/1.2	20/18	30/20	22/20			4	0.3	A4
JXWBGF-A-2-5-2000	5-2000	0.6/0.8	0.6/0.8	1.0/1.2	18/15	18/15	18/15			5	0.4	A4
JXWBGF-B-2-1-400	1-400	0.3/0.6	0.3/0.7	0.8/1.0	30/25	30/25	25/20			4	0.6	B2
JXWBGF-B-2-0.1-450	0.1-450	0.3/0.6	0.4/0.7	0.6/1.0	20	20	20			4	0.5	B2
JXWBGF-B-2-0.01-100	0.01-100	0.3/0.6	0.3/0.7	0.8/1.0	25/20	25/20	20/18			4	0.4	B1
JXWBGF-E-2-0.5-600	0.5-600	0.2/0.4	0.3/0.4	0.7/1.0	25/20	25/20	25/20			6	0.5	E
JXWBGF-E-2-10-1000	10-1000	0.4-0.8	0.6/1.0	0.7/1.2	25/20	25/20	20/18			6	0.5	E

Microwave/RF Components

Power Divider



Plug-in

A1

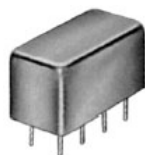
E2

2-way 90 ° Narrowband 5 to 900MHz

P/N	Freq. Range (MHz) f_c	Insertion Loss (dB) Typ/Max	Isolation (dB) Typ/Min	VSWR Typ	Unbalance		Case
					Phase (°)	Amp. (dB)	
					Max	Max	
JXWBGF-A-2-90-10.2-11.2	10.2-11.2	0.2/0.3	25/20	1.2	3	0.8	A1
JXWBGF-A-2-90-20.4-22.4	20.4-22.4	0.2/0.3	25/20	1.2	3	0.8	A1
JXWBGF-A-2-90-57-63	57-63	0.2/0.3	25/20	1.2	3	0.8	A1
JXWBGF-A-2-90-427.5-472.5	427.5-472.5	0.2/0.6	25/17	1.3	3	0.9	A1
JXWBGF-E-2-90-4.75-5.25	4.75-5.25	0.3	25/20	1.1	3	0.7	E2
JXWBGF-E-2-90-28.5-31.5	28.5-31.5	0.3	25/20	1.1	3	0.7	E2
JXWBGF-E-2-90-57-63	57-63	0.3	25/20	1.1	3	0.7	E2
JXWBGF-E-2-90-56.5-63.5	56.5-63.5	0.3	25/20	1.1	3	0.7	E2
JXWBGF-E-2-90-152-168	152-168	0.3	25/17	1.2	3	0.7	E2
JXWBGF-E-2-90-855-945	855-945	0.3	25/15	1.3	3	0.9	E2

2-way 90 ° 3.2 to 1000MHz

P/N	Freq. Range (MHz) f_L-f_U	Insertion Loss (dB) Typ/Max	Isolation (dB) Typ/Min	VSWR Typ	Unbalance		Case
					Phase (°)	Amp. (dB)	
					Max	Max	
JXWBGF-A-2-90-3.2-6.4	3.2-6.4	0.2/0.5	25/20	1.2	3	1.8	A1
JXWBGF-A-2-90-6-12	6-12	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-7-14	7-14	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-8-16	8-16	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-10-20	10-20	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-12-25	12-25	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-15-30	15-30	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-20-40	20-40	0.3/0.7	25/20	1.2	3	1.0	A1
JXWBGF-A-2-90-25-50	25-50	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-30-60	30-60	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-35-70	35-70	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-40-80	40-80	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-55-90	55-90	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-50-100	50-100	0.3/0.8	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-66-74	66-74	0.2/0.3	25/20	1.2	0.8	0.25	A1
JXWBGF-A-2-90-80-120	80-120	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-100-160	100-160	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-120-180	120-180	0.3/0.7	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-120-240	120-240	0.4/0.8	25/20	1.2	3	1.5	A1
JXWBGF-A-2-90-150-250	150-250	0.4/0.8	25/20	1.3	3	1.5	A1
JXWBGF-A-2-90-150-300	150-300	0.4/0.8	25/20	1.3	4	1.5	A1
JXWBGF-A-2-90-250-400	250-400	0.5/0.9	23/16	1.3	4	1.5	A1
JXWBGF-A-2-90-350-450	350-450	0.3/0.9	23/16	1.3	5	1.5	A1
JXWBGF-A-2-90-450-550	450-550	0.5/0.9	19/15	1.3	5	1.5	A1
JXWBGF-A-2-90-550-1000	550-1000	0.3/0.6	25/20		3	1.5	A1
JXWBGF-A-2-90-20-60	20-60	0.8/1.0	23/20	1.3	3	1.2	A1
JXWBGF-A-2-90-30-90	30-90	0.8/1.2	23/18	1.3	3	1.2	A1
JXWBGF-A-2-90-10-50	10-50	0.8/1.0	25/20	1.5	3	1.0	A1
JXWBGF-A-2-90-20-100	20-100	0.8/1.0	25/20	1.5	3	1.0	A1
JXWBGF-A-2-90-60-300	60-300	0.9/1.2	25/18	1.5	4	1.0	A1
JXWBGF-A-2-90-3-32	3-32	1.0/1.5	25/20	1.5	4	1.5	A1
JXWBGF-A-2-90-25-250	25-250	1.3/1.8	25/17	1.5	6	1.5	A1
JXWBGF-A-2-90-50-500	50-500	1.7/2.0	25/17	1.5	7	1.5	A1



A1



A4



C

2-way 180 ° 0.1 to 1000MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-A-2-180-1-200	1-200	0.75/1.0	0.5/0.8	0.75/1.2	30/25	30/25	30/20			4	0.3	A1
JXWBGF-A-2-180-10-600	10-600	1.0/1.5	1.1/1.6	1.2/2.2	30/25	25/20	20/16			6	0.9	A1
JXWBGF-A-2-180-0.1-50	0.1-50	1.0/1.5	1.0/1.5	1.0/1.5	30/25	30/25	25/20			3	0.5	A1
JXWBGF-A-2-180-50-1000	50-1000	1.2/1.9	-	1.6/2.4	30/20	-	25/20			7	1.0	A1
JXWBGF-A-2-180-5-200	5-200	0.8/1.0	0.9/1.1	1.0/1.5	22/20	24/20	24/18			8	0.5	A1

3-way 0 ° 0.1 to 750MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-A-3-0.1-50	0.1-50	0.2/0.4	0.2/0.4	0.2/0.4	40/30	40/30	30/25			2	0.1	A1
JXWBGF-A-3-1-200	1-200	0.3/0.5	0.3/0.5	0.4/0.7	40/35	40/30	35/30			4	0.3	A1
JXWBGF-A-3-50-750	50-750	0.4/1.0	0.9/1.4	-	25/20	25/20	-			7	0.7	A4
JXWBGF-A-3-5-500	5-500	0.4/0.8	0.4/1.4	0.8/1.4	25/20	30/20	25/20			5	0.6	A1

4-way 0 ° 0.1 to 1000MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-A-4-0.1-200	0.1-200	0.4/0.6	0.5/0.75	0.7/1.0	30/20	25/20	25/20			8	0.3	A1
JXWBGF-A-4-1-500	1-500	0.4/0.8	0.5/1.0	0.8/1.5	25/20	25/18	25/18			5	0.5	A1
JXWBGF-C-4-0.1-200	0.1-200	0.4/0.6	0.5/0.8	0.7/1.0	30/20	30/20	25/20			6	0.5	C
JXWBGF-C-4-1-500	1-500	0.4/0.8	0.5/1.0	0.8/1.5	25/20	25/20	25/20			5	0.5	C
JXWBGF-C-4-810-960	810-960	-	1.0/1.2	-	25/20	-	-			6	0.6	C
JXWBGF-C-4-10-1000	10-1000	0.5/0.8	0.8/1.8	1.5/2.5	25/20	20/15	18/15			20	0.7	C

5-way 0 ° 1 to 300MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-C-5-1-300	1-300	0.2/0.5	0.6/1.0	1.5/2.0	25/20	23/20	20/18			8	0.6	C



C

6-way 0 ° 1 to 200MHz

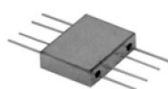
P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-C-6-1-200	1-200	0.5/0.8	0.7/1.0	1.0/1.5	30/24	26/18	26/18			12	0.8	C

8-way 0 ° 1 to 200MHz

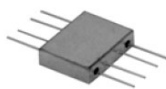
P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-C-8-1-200	1-200	0.8/1.2	0.8/1.2	1.0/1.6	30/25	30/20	25/18			5	0.5	C

9-way 0 ° 2 to 300MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-C-9-2-300	2-300	0.6/1.1	0.9/1.4	1.5/2.0	35/25	25/20	20/15			10	0.8	C



H1



H2

2-way 0° 0.4 to 2000MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGH-H-2-0.4-400	0.4-400	0.2/0.4	0.3/0.5	0.4/0.8	25	25	25			1	0.2	H1
JXWBGH-H-2-10-500	10-500	0.2/0.3	0.3/0.4	0.4/0.8	30/25	30/25	30/25			2	0.6	H1
JXWBGH-H-2-10-1000	10-1000	0.2/0.6	0.4/0.7	0.6/1.0	25/20	25/20	25/20			3	0.6	H1
JXWBGH-H-2-20-2000	20-2000	0.7/0.8	0.7/1.0	1.0/1.2	25/20	20/18	18/12			8	0.6	H1
JXWBGH-H-2-1000-2000	1000-2000	-	1.0/1.2	-	-	20/18	-			3	0.4	H1

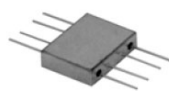
2-way 90° 10 to 300MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB) Typ/Max	Isolation (dB) Typ/Min	VSWR Typ	Unbalance		Case
					Phase (°)	Amp. (dB)	
					Max	Max	
JXWBGH-H-2-90-10-20	10-20	0.3/0.7	25/20	1.2	3	1.0	H2
JXWBGH-H-2-90-20-40	20-40	0.3/0.7	25/20	1.2	3	1.0	H2
JXWBGH-H-2-90-30-60	30-60	0.3/0.7	25/20	1.2	3	1.5	H2
JXWBGH-H-2-90-40-80	40-80	0.3/0.7	25/20	1.2	5	1.5	H2
JXWBGH-H-2-90-55-90	55-90	0.3/0.7	25/20	1.2	5	1.5	H2
JXWBGH-H-2-90-80-120	80-120	0.3/0.7	25/20	1.2	5	1.5	H2
JXWBGH-H-2-90-100-160	100-160	0.3/0.7	25/20	1.2	5	1.5	H2
JXWBGH-H-2-90-120-240	120-240	0.3/0.8	25/20	1.3	5	1.5	H2
JXWBGH-H-2-90-150-300	150-300	0.4/0.8	25/20	1.3	5	1.5	H2

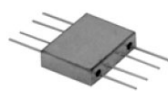
2-way 180° 1 to 400MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGH-H-2-180-1-200	1-200	0.75/1.0	0.5/0.8	0.75/1.2	30/25	30/25	30/25			4	0.3	H1
JXWBGH-H-2-180-5-400	5-400	1.0/1.5	0.75/1.0	1.0/1.5	30/25	30/25	30/25			4	0.4	H1

Power Divider



H3



H4

Flatpack

3-way 0° 1 to 1000MHz

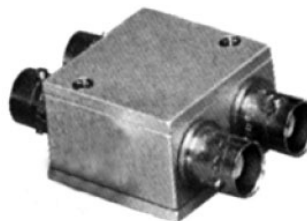
P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case		
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)			
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max			
JXWBGF-H-3-1-300	1-300	0.3/0.6	0.3/0.6	0.6/1.2	35/30	30/20	25/20					4	0.4	H4
JXWBGF-H-3-25-1000	25-1000	0.3/0.8	0.3/0.8	0.8/1.2	25/15	30/20	35/14					4	0.5	H4

4-way 0° 1 to 200MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case		
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)			
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max			
JXWBGF-H-4-1-200	1-200	0.8/1.0	0.8/1.0	0.8/1.2	25/20	25/20	25/20					4	0.4	H3



T12-3



T12-8



T14



T15-1



T15-2

2-way 0 ° 0.25 to 6000MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-2-5-500	5-500	0.2/0.5	0.3/0.6	0.6/0.8	35/25	28/20	25/20			4	0.3	T12-3
JXWBGF-T-2-0.25-300	0.25-300	0.4/0.75	0.4/0.75	0.4/1.0	25/20	30/25	25/20			5	0.3	T12-3
JXWBGF-T-2-5-600	5-600	0.2/0.6	0.3/0.7	0.5/0.9	40/25	40/30	30/20			3	0.4	T12-3
JXWBGF-T-2-1-750	1-750	0.2/0.5	0.4/0.8	0.8/1.0	30/20	25/20	23/18			4	0.3	T12-3
JXWBGF-T-2-10-1000	10-1000	0.2/0.5	0.5/0.8	0.8/1.0	25/20	25/20	20/11			4	0.3	T12-3
JXWBGF-T-2-10-2000-1	10-2000	0.5/0.9	0.5/1.0	0.6/1.0	19/10	18/13	20/11			6	0.5	T12-3
JXWBGF-T-2-10-2000-2	10-2000	0.5/0.9	0.5/1.0	0.6/1.0	19/10	18/13	-			6	0.5	T14
JXWBGF-T-2-500-1000	500-1000	-	0.25/0.6	-	-	25/20	-			2	0.2	T15-1
JXWBGF-T-2-800-1000-1	800-1000	-	0.5	-	-	20	-			2	0.2	T15-1
JXWBGF-T-2-800-1000-2	800-1000	-	0.5	-	-	20	-			2	0.2	T1
JXWBGF-T-2-1000-2000-1	1000-2000	-	0.25/0.6	-	-	25	-	1.2	1.2	2	0.2	T15-1
JXWBGF-T-2-500-2000-1	500-2000	-	0.5/0.8	-	-	25/20	-			3	0.2	T15-1
JXWBGF-T-2-800-2200	800-2200	-	0.4/1.0	-	-	25/18	-			3	0.2	T15-2
JXWBGF-T-2-800-2500-1	800-2500	-	0.3	-	-	20	-	1.3		2	0.2	T2
JXWBGF-T-2-1000-3000	1000-3000	-	0.4/0.8	-	-	20/18	-			3	0.3	T15-1
JXWBGF-T-2-1800-3600	1800-3600	-	0.5/1.0	-	-	25/20	-			3	0.4	T15-1
JXWBGF-T-2-2000-4200	2000-4200	-	0.4/0.8	-	-	25/19	-			6	0.4	T15-1
JXWBGF-T-2-4200-6000	4200-6000	-	0.5/1.0	-	-	25/20	-			3	0.4	T15-1

2-way 90 ° 20 to 3000MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB) Typ/Max	Isolation (dB) Typ/Min	VSWR Typ	Unbalance		Case
					Phase (°)	Amp. (dB)	
					Max	Max	
JXWBGF-T-2-90-20-40	20-40	0.3/0.7	25/20	1.2	3	1.0	T12-8
JXWBGF-T-2-90-40-80	40-80	0.3/0.7	25/20	1.2	3	1.5	T12-8
JXWBGF-T-2-90-80-160	80-160	0.3/0.7	25/20	1.2	3	1.5	T12-8
JXWBGF-T-2-90-1000-2000	1000-2000	0.4/1.0	25/20	1.3	2	1.0	T27
JXWBGF-T-2-90-2000-3000	2000-3000	0.4/1.0	25/20	1.4	2	1.0	T27



T12-3



T12-4



T15-1



T16-1



T16-2

2-way 180° 1 to 3000MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-2-180-1-200	1-200	0.75/1.0	0.5/0.8	0.75/1.2	30/25	30/25	30/20			4	0.3	T12-3
JXWBGF-T-2-180-10-600	10-600	1.0/1.5	1.1/1.6	1.2/2.2	30/25	25/20	20/16			6	0.9	T12-3
JXWBGF-T-2-180-0.1-50	0.1-50	0.5/1.0	0.5/1.0	0.5/1.0	30/25	30/25	25/20			3	0.5	T12-3
JXWBGF-T-2-180-50-1000	50-1000	1.2/1.9	-	1.6/2.4	30/20	-	25/20			7	1.0	T12-3
JXWBGF-T-2-180-50-1500	50-1500	1.0/1.2	1.5	2.0	14	14	14			4	1.0	T12-3
JXWBGF-T-2-180-1000-2000	1000-2000	-	1.5/2.0	-	-	22/18	-			6	0.8	T15-1
JXWBGF-T-2-180-1000-3000	1000-3000	-	1.5/2.5	-	-	22/18	-			6	1.0	T15-1

3-way 0° 1 to 2500MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-3-1-300	1-300	0.3/0.5	0.4/0.6	0.4/0.6	35/30	30/20	25/30			4	0.4	T12-4
JXWBGF-T-3-10-1000	10-1000	0.3/0.8	0.3/0.8	0.8/1.2	25/15	30/20	35/24			4	0.5	T12-4
JXWBGF-T-3-820-920	820-920	-	0.6	-	-	20	-	1.3		5	0.2	T16-1
JXWBGF-T-3-500-1000	500-1000	-	0.6	-	-	20	-	1.4			0.3	T16-1
JXWBGF-T-3-800-1000	800-1000	-	0.7	-	-	20	-	1.4			0.3	T16-1
JXWBGF-T-3-1000-2000	1000-2000	-	0.8	-	-	20	-	1.4			0.3	T16-1
JXWBGF-T-3-800-2200	800-2200	-	0.8	-	-	20	-	1.4			0.3	T16-2
JXWBGF-T-3-1700-2500	1700-2500	-	1.0	-	-	20	-	1.4			0.3	T16-1



T12-5



T17



T18



T30

4-way 0° 1 to 6000MHz

P/N	Freq. Range (MHz) f _L -f _U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-4-1-500	1-500	0.5/1.5	0.6/1.5	0.6/1.5	25/20	25/20	25/20			8	0.4	T12-5
JXWBGF-T-4-10-1000-1	10-1000	0.4/1.2	0.6/0.9	1.5/2.0	25/20	25/20	25/20			8	0.7	T12-5
JXWBGF-T-4-10-300	10-300	0.5/0.8	0.5/0.8	0.9/1.2	30/25	30/25	30/25				0.2	T12-5
JXWBGF-T-4-1-200	1-200	0.4/0.7	1.0	0.7/1.2	30/20	25/20	25/20			10	0.3	T12-5
JXWBGF-T-4-10-500	10-500	1.0	1.0	1.0	25	25	25	1.3		5	0.5	T17
JXWBGF-T-4-10-1000-2	10-1000	1.0	0.7	1.0	25	25	22	1.3		5	0.5	T17
JXWBGF-T-4-800-1000	800-1000	-	0.8	-	-	-	20	1.2	1.2	5	0.4	T18
JXWBGF-T-4-1000-2000-1	1000-2000	-	0.6/1.0	-	-	-	20	1.3	1.3	6	0.6	T18
JXWBGF-T-4-800-2000-1	800-2000	-	0.6/1.0	-	-	-	25/20	1.3	1.3	6	0.6	T30
JXWBGF-T-4-800-2200	800-2200	-	0.4/1.0	-	-	-	25/20	1.4	1.4	6	0.6	T18
JXWBGF-T-4-4000-6000	4000-6000	-	0.5/1.0	-	-	-	25/20	1.5	1.5	5	0.6	T30

Power Divider

Coaxial



T3



T12-6



T20



T31

5-way 0° 1 to 300MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-5-1-300	1-300	0.2/0.5	0.6/1.0	1.5/2.0	25/20	23/20	20/18			8	0.6	T12-6

6-way 0° 1 to 1000MHz

P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-6-1-200	1-200	0.75/1.0	0.75/1.2	0.75/1.2	25/20	25/20	25/20			12	0.6	T31
JXWBGF-T-6-1-300	1-300	1.2/1.8	1.2/1.8	1.2/1.8	30/25	30/25	30/25	1.2	1.2	40	0.4	T3
JXWBGF-T-6-890-960	890-960	-	0.8	-	-	20	-				0.6	T3
JXWBGF-T-6-800-1000	800-1000	-	0.9	-	-	20	-				0.5	T20

Power Divider



T23



T32



T33

Coaxial

8-way 0 ° 0.5 to 4200MHz

P/N	Freq. Range (MHz) f_L-f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-8-0.5-175	0.5-175	0.8/1.2	0.8/1.2	0.8/1.6	30/25	30/20	25/20			5	0.3	T32
JXWBGF-T-8-5-1000	5-1000	0.4/1.0	0.6/1.6	1.6/2.7	30/20	25/20	20/15			13	1.2	T32
JXWBGF-T-8-5-500	5-500	0.8/1.2	1.2/1.8	1.8/2.0	35/25	30/25	25/20			8	0.7	T13
JXWBGF-T-8-800-1000	800-1000	-	0.9	-	-	20	-	1.2	1.5		0.5	T21
JXWBGF-T-8-1000-2000-1	1000-2000	-	1.0	-	-	20	-	1.5			0.5	T21
JXWBGF-T-8-3700-4200	3700-4200	-	0.3/0.8	-	-	25	-	1.6		8	0.5	T21

10-way 0 ° 0.5 to 2000MHz

P/N	Freq. Range (MHz) f_L-f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)	
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max	
JXWBGF-T-10-0.5-100	0.5-100	0.5/0.8	0.4/1.0	1.8/1.5	30/20	30/20	25/20			10	0.4	T33
JXWBGF-T-10-800-900	800-900	-	1.5/2.0	-	-	25/20	-				0.6	T23
JXWBGF-T-10-800-2000	800-2000	-	1.0/2.5	-	-	25/18	-				1.2	T23



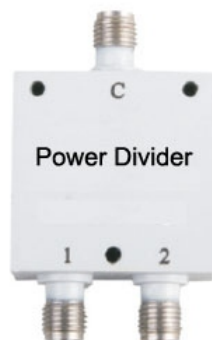
P/N	Freq. Range (MHz) f_L - f_U	Insertion Loss (dB)			Isolation (dB)			VSWR		Unbalance		Case	
		L	M	U	L	M	U	Max		Phase (°)	Amp. (dB)		
		Typ/Max	Typ/Max	Typ/Max	Typ/Min	Typ/Min	Typ/Min	In	Out	Max	Max		
JXWBGF-T-24-0.2-100	0.2-100	1.0/2.0	1.0/2.0	1.0/2.0	25/20	30/20	35/30					0.5	T25
JXWBGF-T-24-1-200	1-200	0.9/1.7	1.0/1.8	1.3/2.2	30/25	25/20	22/20					0.8	T25



P/N	Frequency Range (GHz)	N-Way	Insertion Loss (dB) max	Isolation (dB) min	Amplitude Balance (\pm dB) max	Phase Balance (\pm°) max	Power Forward (W)	Power Reverse (W)	Input VSWR	Output VSWR	Size L x W x H (mm)
JXWBGF-T-2-800-6000	0.8-6	2	0.9	18	0.2	3	10	2	1.4	1.3	150x29.4x10
JXWBGF-T-4-800-6000	0.8-6	4	1.8	18	0.3	4	10	2	1.5	1.4	153x72x10
JXWBGF-T-2-1000-8000	1-8	2	1.2	18	0.3	6	10	2	1.35	1.3	41x28x10
JXWBGF-T-4-1000-8000	1-8	4	2.2	15	0.35	6	10	2	1.5	1.4	70.5x56x10
JXWBGF-T-2-1000-12000	1-12	2	1.5	16	0.4	6	10	2	1.5	1.3	80x24x10
JXWBGF-T-4-1000-12000	1-12	4	2.8	16	0.5	7	10	2	1.6	1.3	90x75x10
JXWBGF-T-2-2000-18000	2-18	2	1.2	16	0.3	5	10	2	1.5	1.5	47x24x10
JXWBGF-T-4-2000-18000	2-18	4	2.2	16	0.6	10	10	2	1.65	1.6	60x69x10

Notes:

1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -55 °C to +95 °C.
2. Applications: Indoor, 0-95%RH.
3. Forward power is tested with the output VSWR 1.5:1 of the loads. The power handling will be cut down when the output port connect with a high VSWR. Ensure the output VSWR<1.5, avoiding output port open or short.
4. The power handling capability is 10 watts when used as divider with the load VSWR<1.2, the power handling down to 2 watts when used as combiner.
5. Ensure connectors to be in flat connection with outer connectors, suggest to use a torque wrench.



P/N	Frequency Range (GHz)	N-Way	Insertion Loss (dB) max	Isolation (dB) min	Amplitude Balance (\pm dB) max	Phase Balance (\pm °) max	Power Forward (W)	Power Reverse (W)	Input VSWR	Output VSWR	Size L x W x H (mm)
JXWBGF-T-2-500-2000-2	0.5-2	2	0.5	20	0.2	2	10	2	1.25	1.2	54x28x10
JXWBGF-T-4-500-2000	0.5-2	4	1.0	20	0.3	3	10	2	1.25	1.2	76x56x10
JXWBGF-T-8-500-2000	0.5-2	8	1.5	20	0.3	3	10	2	1.4	1.2	103x108x10
JXWBGF-T-2-800-2000	0.8-2.0	2	0.5	20	0.2	3	10	2	1.25	1.25	33x39x10
JXWBGF-T-4-800-2000-2	0.8-2.0	4	0.8	20	0.4	6	10	2	1.4	1.4	46x66x10
JXWBGF-T-6-800-2000	0.8-2.0	6	1.6	18	0.5	8	10	2	1.6	1.6	92x86x10
JXWBGF-T-8-800-2000	0.8-2.0	8	1.4	18	0.6	10	10	2	1.6	1.6	57x120x10
JXWBGF-T-16-800-2000	0.8-2.0	16	2.0	18	0.8	15	10	2	1.7	1.7	77x221x10
JXWBGF-T-2-800-2500-2	0.8-2.5	2	0.5	20	0.2	3	10	2	1.25	1.25	38x42x14
JXWBGF-T-4-800-2500	0.8-2.5	4	0.8	20	0.4	6	10	2	1.4	1.4	48x60x14
JXWBGF-T-6-800-2500	0.8-2.5	6	1.9	18	0.9	8	10	2	1.6	1.6	90x92x14
JXWBGF-T-8-800-2500	0.8-2.5	8	1.4	18	0.6	10	10	2	1.6	1.6	68x118x10
JXWBGF-T-16-800-2500	0.8-2.5	16	2.0	18	0.8	15	10	2	1.7	1.7	80x220x14
JXWBGF-T-2-1000-4000	1-4	2	0.5	20	0.3	2	10	2	1.3	1.2	28x28x10
JXWBGF-T-4-1000-4000	1-4	4	0.8	20	0.3	4	10	2	1.3	1.2	43x56x10
JXWBGF-T-8-1000-4000	1-4	8	1.5	20	0.4	4	10	2	1.35	1.25	63x108x10
JXWBGF-T-2-2000-8000	2-8	2	0.8	20	0.3	4	10	2	1.3	1.2	28x28x10
JXWBGF-T-3-2000-8000	2-8	3	1.0	18	0.6	-	10	2	1.4	1.3	66.5x37.5x10
JXWBGF-T-4-2000-8000	2-8	4	1.4	18	0.4	4	10	2	1.4	1.3	50x56x10
JXWBGF-T-6-2000-8000	2-8	6	1.8	18	1.0	6	10	2	1.4	1.3	88x83x10
JXWBGF-T-8-2000-8000	2-8	8	1.9	18	0.7	7	10	2	1.6	1.3	63x108x10
JXWBGF-T-12-2000-8000	2-8	12	2.3	18	1.0	7	10	2	1.6	1.3	88x159x10
JXWBGF-T-2-4000-18000	4-18	2	0.8	18	0.4	5	10	2	1.5	1.5	36x24x10
JXWBGF-T-4-4000-18000	4-18	4	1.6	18	0.5	8	10	2	1.6	1.5	60x50.5x10

Notes:

1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -55 °C to +95 °C.
2. Applications: Indoor, 0-95%RH.
3. Forward power is tested with the output VSWR 1.5:1 of the loads. The power handling will be cut down when the output port connect with a high VSWR. Ensure the output VSWR<1.5, avoiding output port open or short.
4. The power handling capability is 10 watts when used as divider with the load VSWR<1.2, the power handling down to 2 watts when used as combiner.
5. Ensure connectors to be in flat connection with outer connectors, suggest to use a torque wrench.

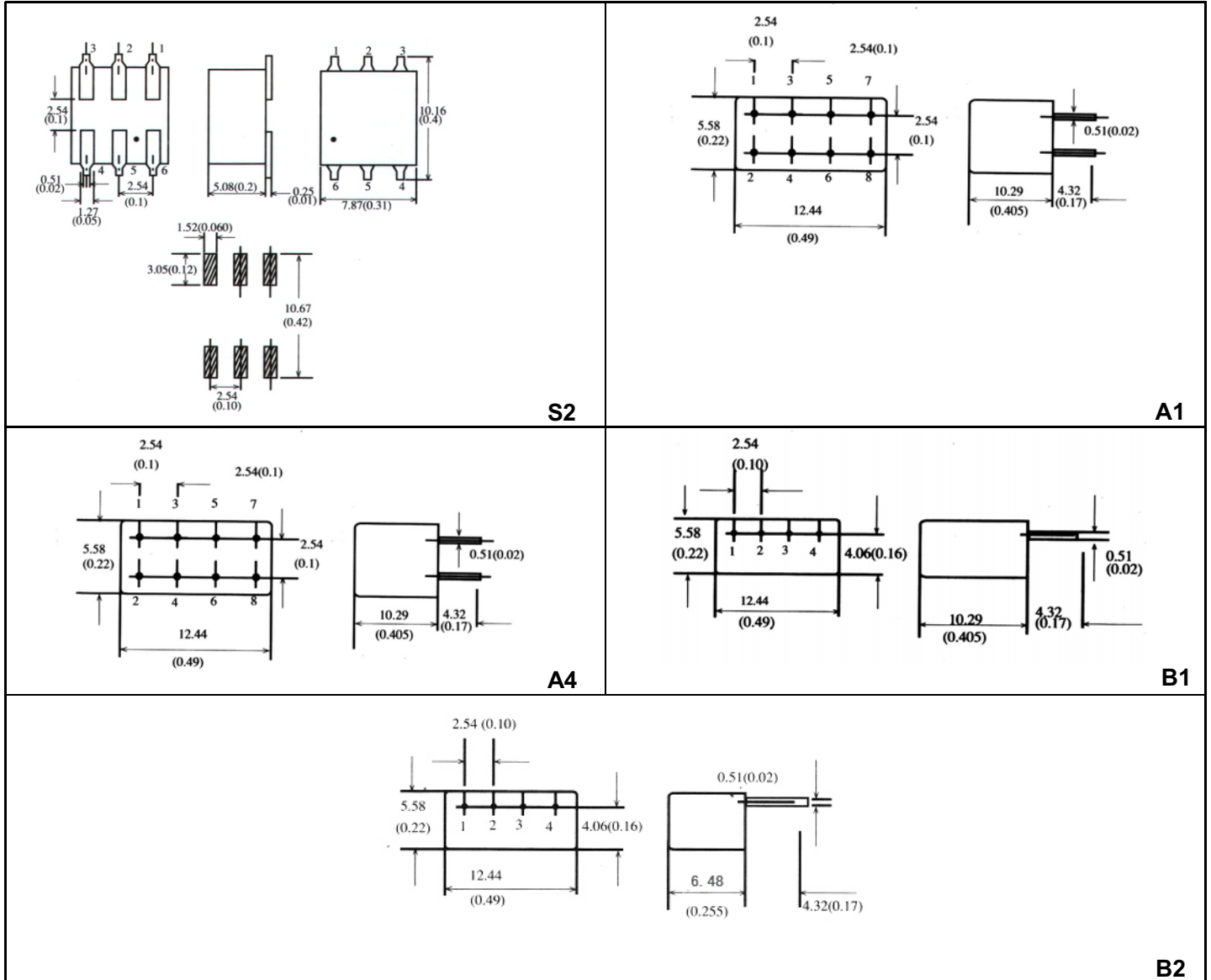


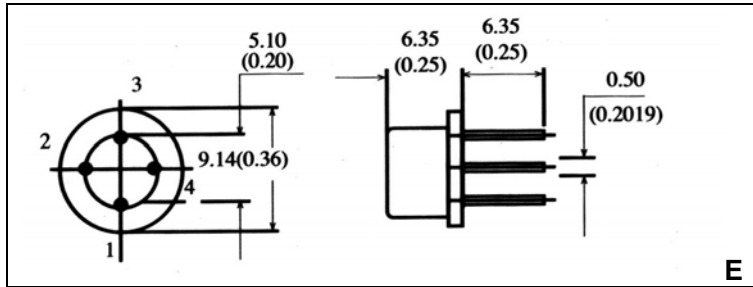
P/N	Frequency Range (GHz)	N-Way	Insertion Loss (dB) max	Isolation (dB) min	Amplitude Balance (\pm dB) max	Phase Balance (\pm °) max	Power Forward (W)	Power Reverse (W)	Input VSWR	Output VSWR	Size L x W x H (mm)
JXWBGF-T-2-1000-2000-2	1-2	2	0.35	20	0.2	2	10	2	1.2	1.15	28x28x10
JXWBGF-T-4-1000-2000-2	1-2	4	0.6	20	0.3	3	10	2	1.25	1.2	43x56x10
JXWBGF-T-8-1000-2000-2	1-2	8	1.0	20	0.4	5	10	2	1.3	1.2	63x108x10
JXWBGF-T-2-2000-4000	2-4	2	0.35	20	0.2	2	10	2	1.25	1.2	28x28x10
JXWBGF-T-3-2000-4000	2-4	3	0.6	18	0.3	-	10	2	1.3	1.3	52x41x10
JXWBGF-T-4-2000-4000	2-4	4	0.6	20	0.3	3	10	2	1.3	1.2	43x56x10
JXWBGF-T-8-2000-4000	2-4	8	0.8	20	0.4	5	10	2	1.3	1.2	63x108x10
JXWBGF-T-2-3100-3400	3.1-3.4	2	0.3	25	0.2	1.5	10	2	1.2	1.2	28x28x10
JXWBGF-T-2-4000-8000	4-8	2	0.6	20	0.3	3	10	2	1.25	1.2	28x28x10
JXWBGF-T-4-4000-8000	4-8	4	1.0	18	0.3	3	10	2	1.3	1.25	43x56x10
JXWBGF-T-8-4000-8000	4-8	8	1.2	18	0.4	4	10	2	1.5	1.25	63x108x10
JXWBGF-T-2-6000-18000	6-18	2	0.7	18	0.4	5	10	2	1.5	1.5	30x24x10
JXWBGF-T-4-6000-18000	6-18	4	1.3	16	0.5	8	10	2	1.6	1.5	45x50.5x10
JXWBGF-T-8-6000-18000	6-18	8	2.2	18	0.8	10	10	2	1.8	1.5	57.5x101.5x10
JXWBGF-T-3-8000-18000	8-18	3	1.2	18	0.8	-	10	2	1.6	1.5	32x39x10
JXWBGF-T-6-8000-18000	8-18	6	2.2	18	0.8	-	10	2	1.8	1.6	50x75.5x10
JXWBGF-T-12-8000-18000	8-18	12	2.2	15	0.8	10	10	2	1.8	1.5	76x154x10

Notes:

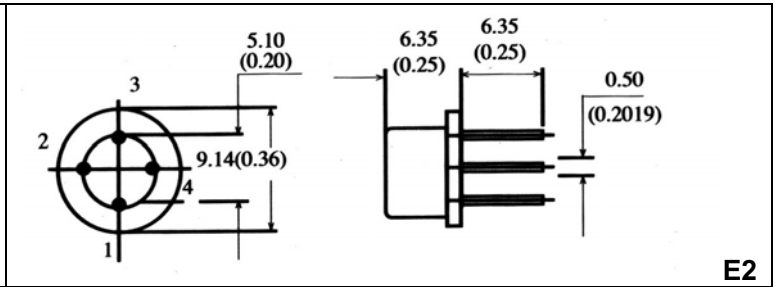
1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -55 °C to +95 °C.
2. Applications: Indoor, 0-95%RH.
3. Forward power is tested with the output VSWR 1.5:1 of the loads. The power handling will be cut down when the output port connect with a high VSWR. Ensure the output VSWR<1.5, avoiding output port open or short.
4. The power handling capability is 10 watts when used as divider with the load VSWR<1.2, the power handling down to 2 watts when used as combiner.
5. Ensure connectors to be in flat connection with outer connectors, suggest to use a torque wrench.

Outline Drawings(Size: mm)

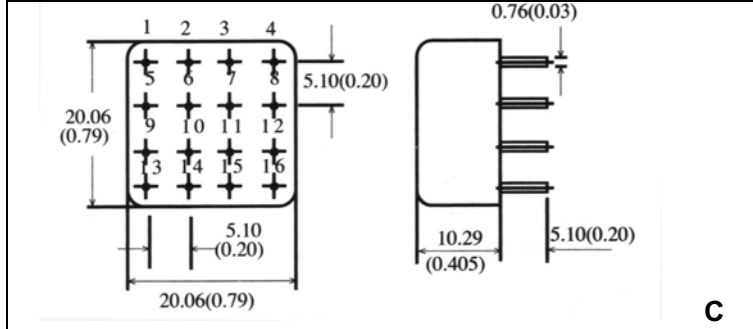




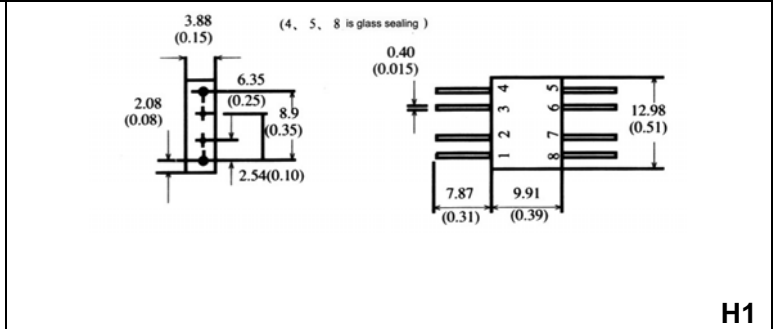
E



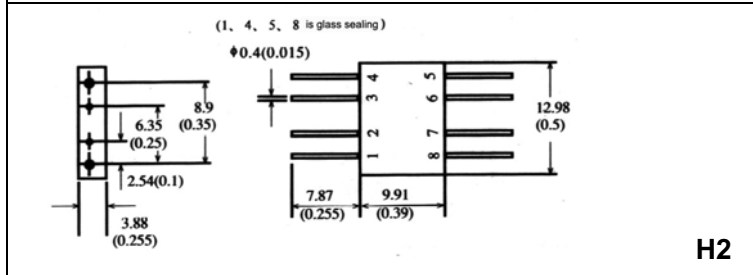
E2



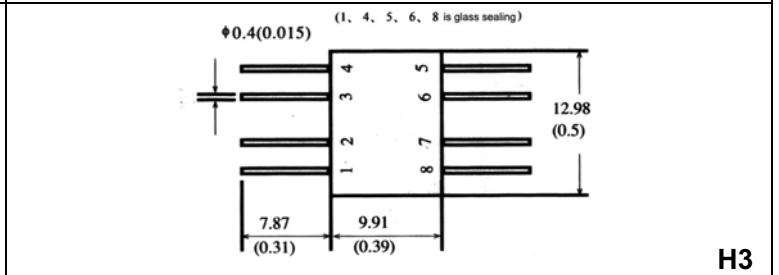
C



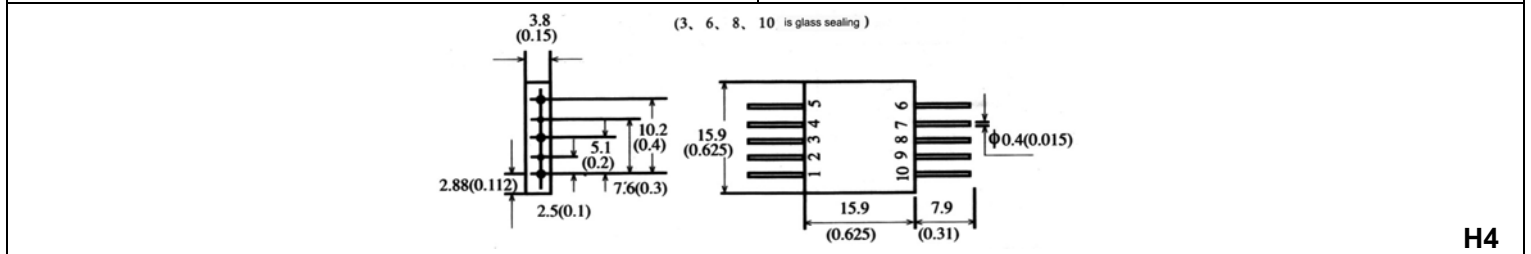
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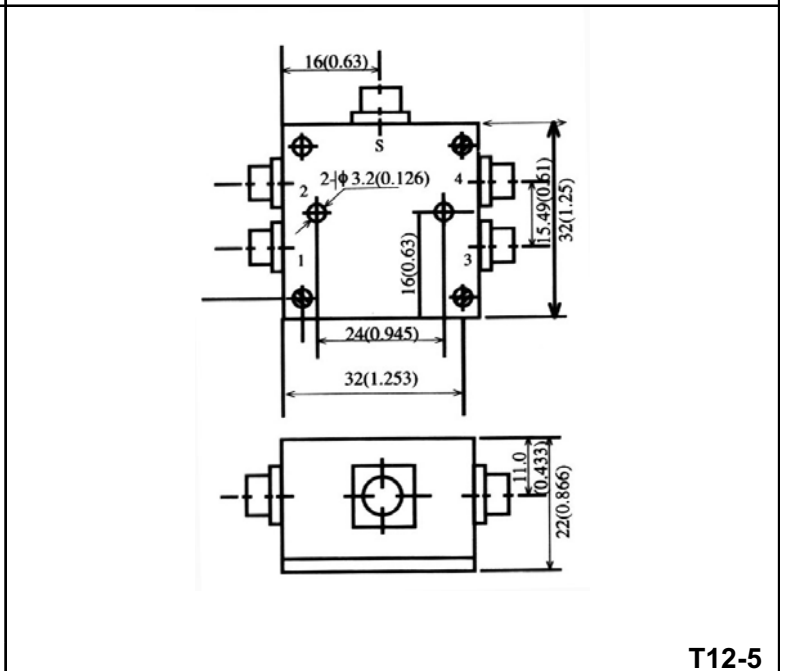
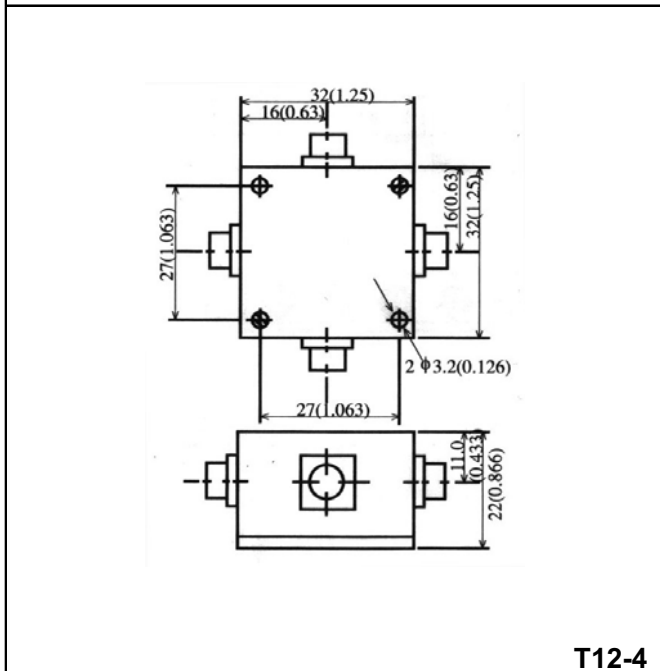
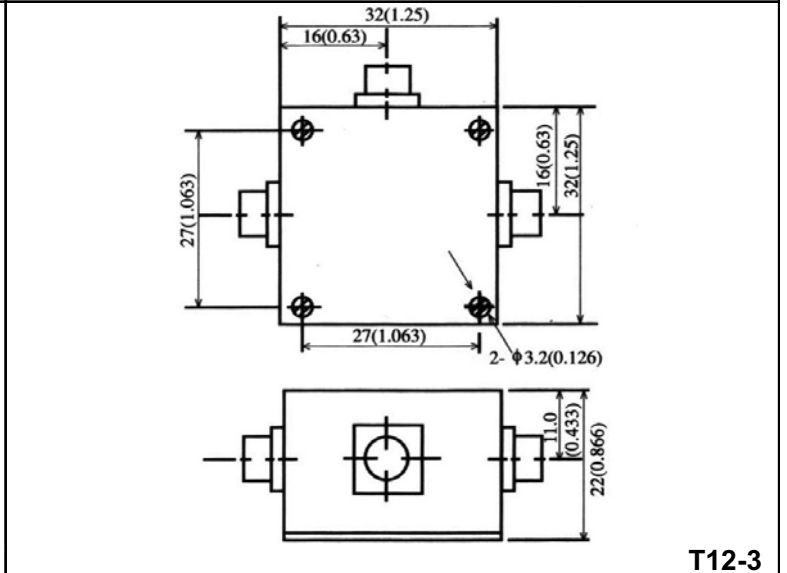
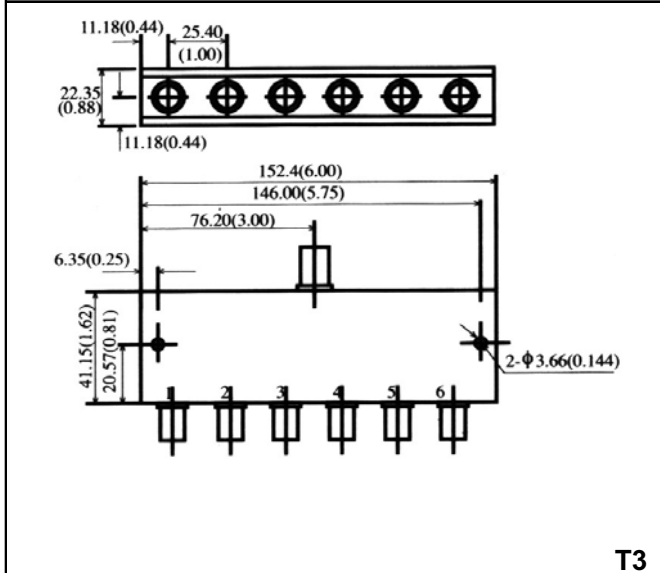
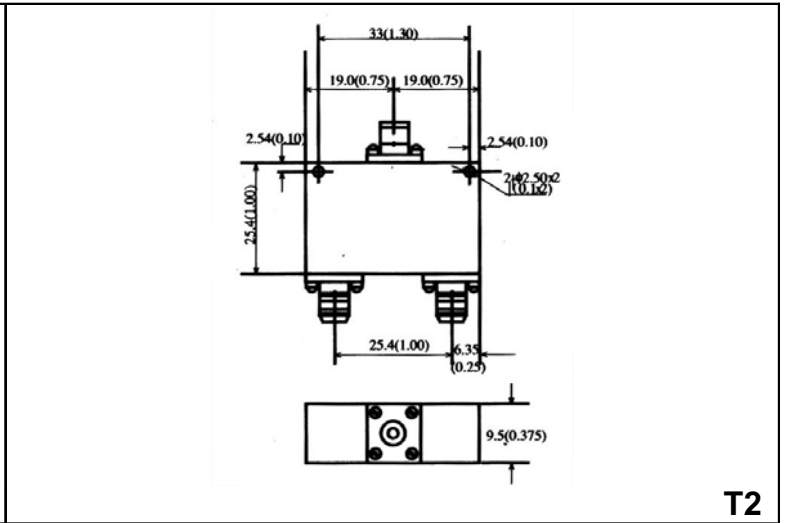
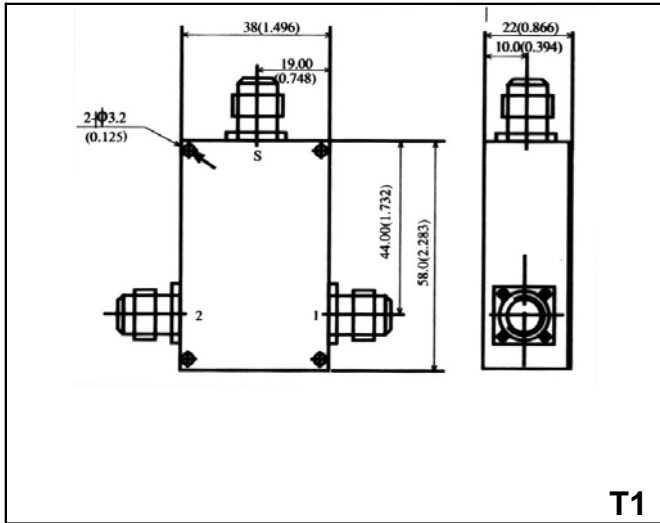
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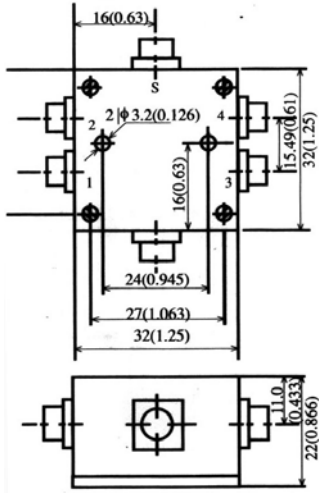


H3

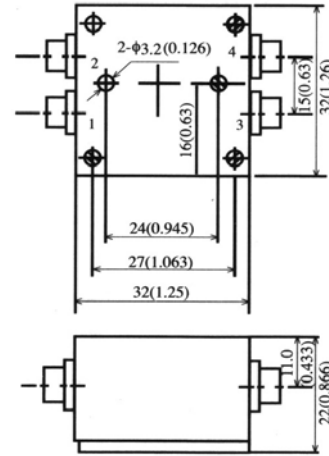


H4

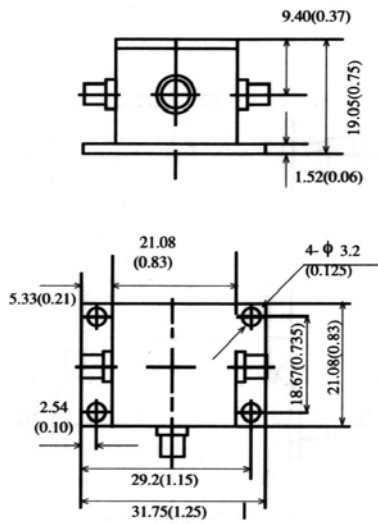




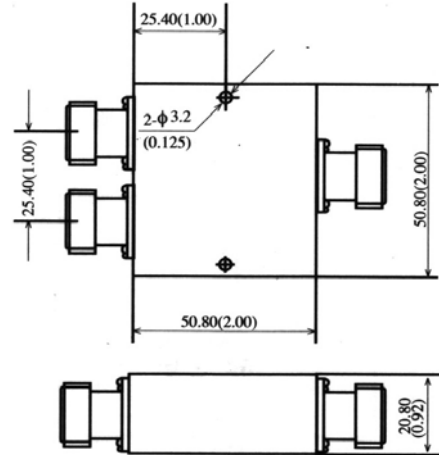
T12-6



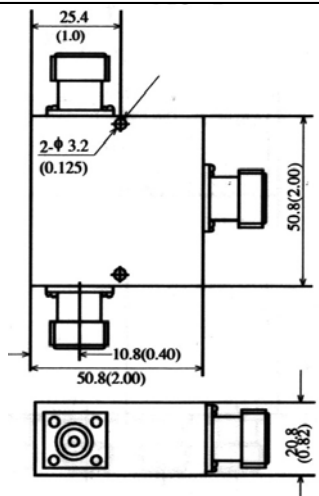
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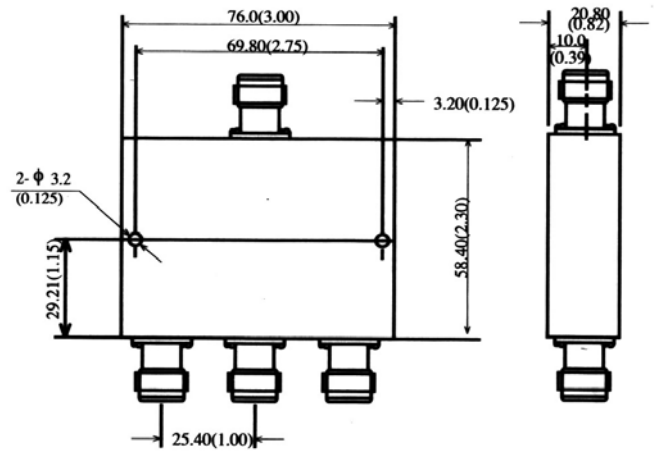
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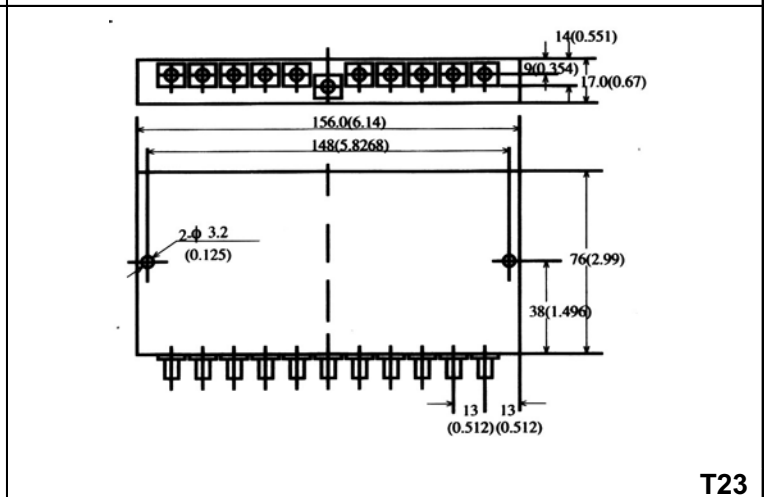
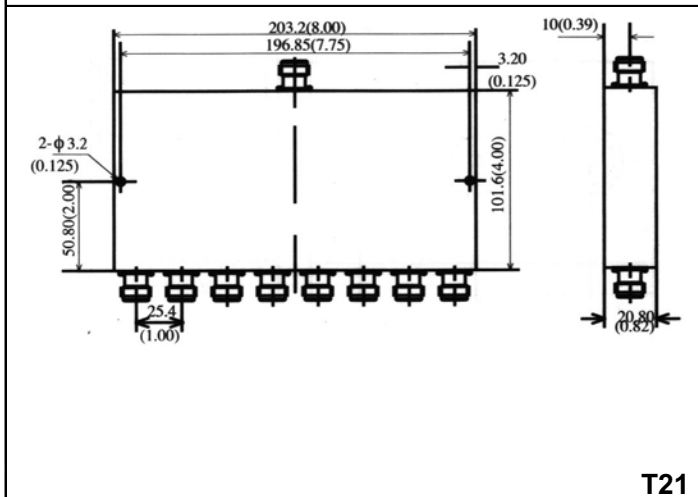
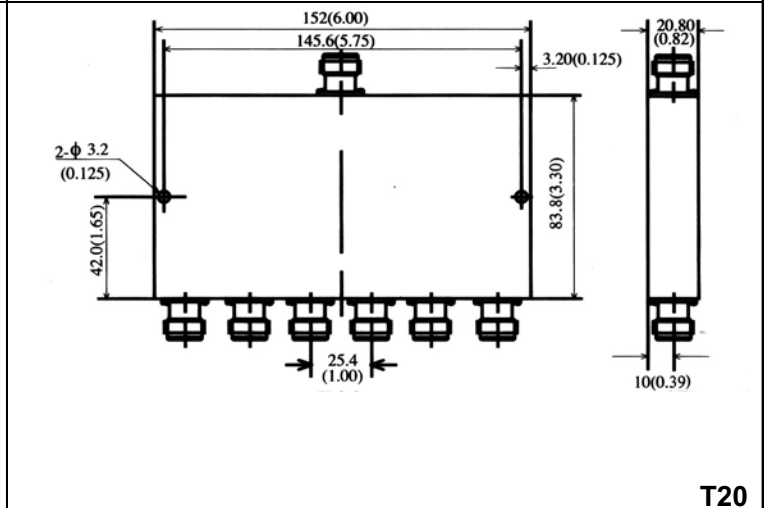
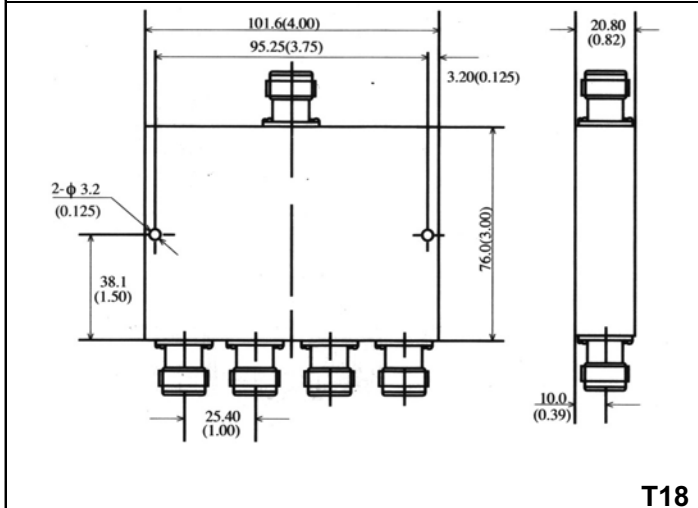
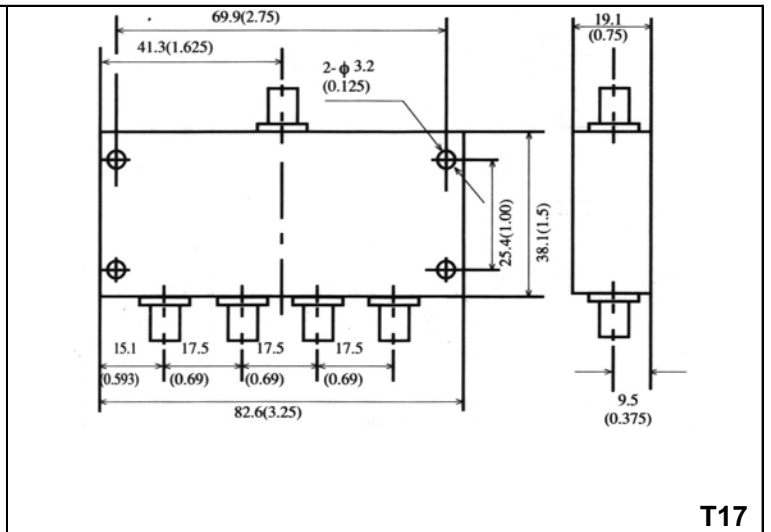
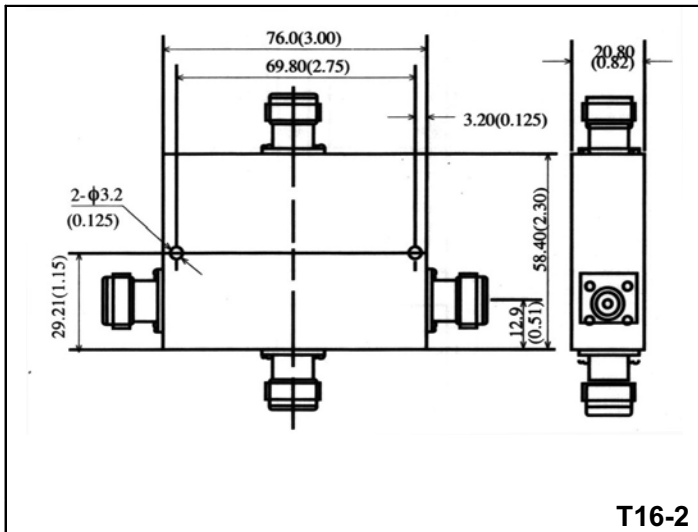
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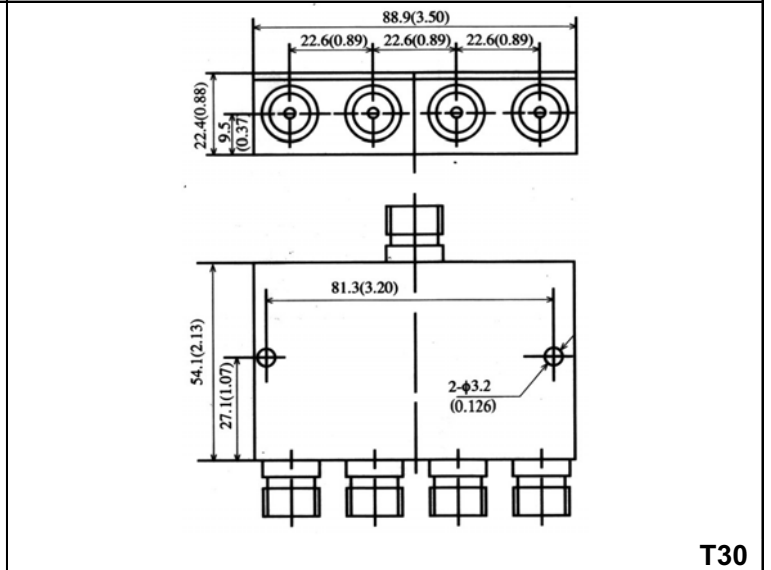
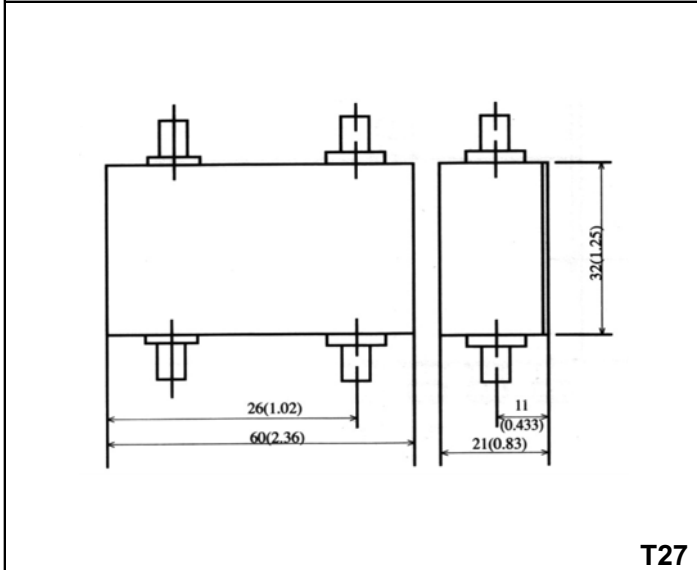
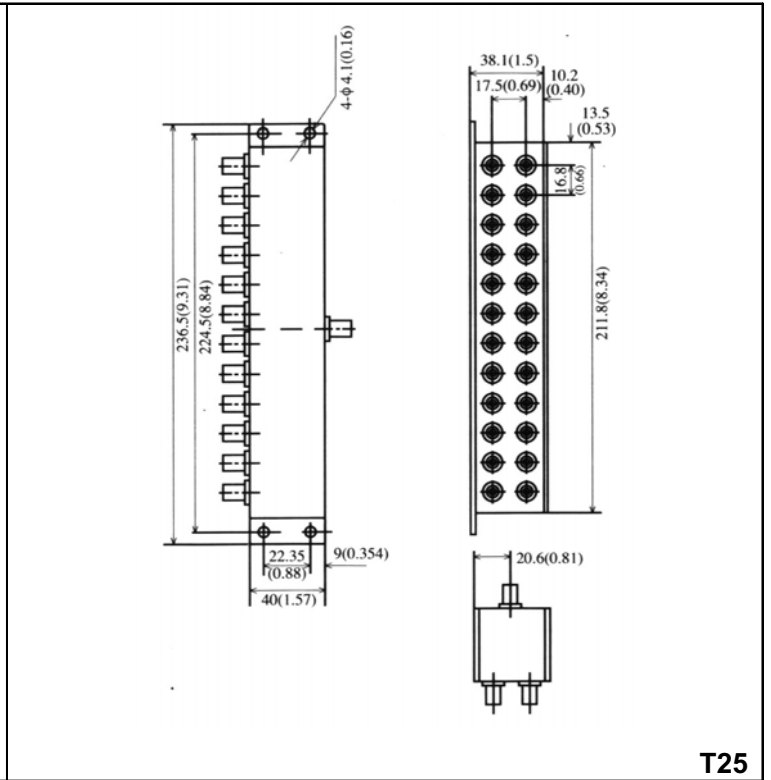
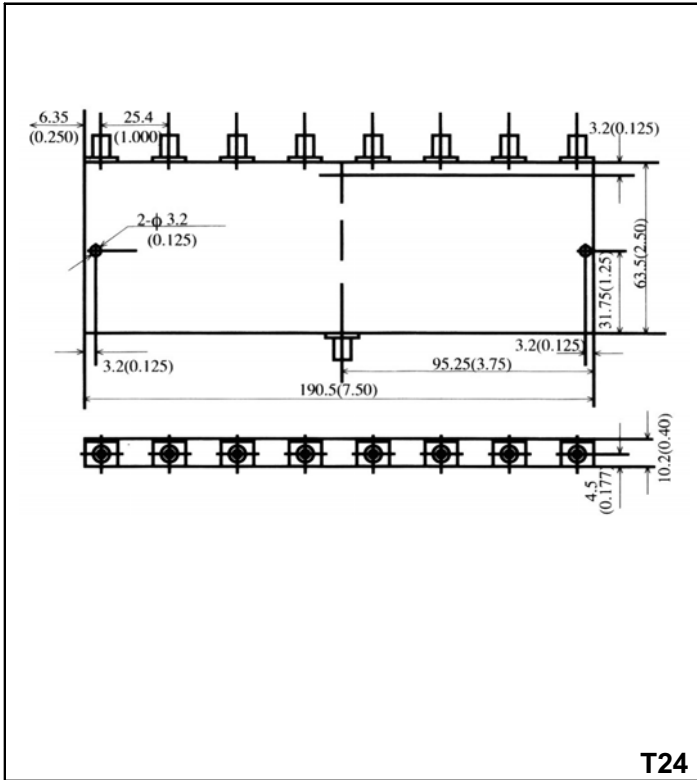


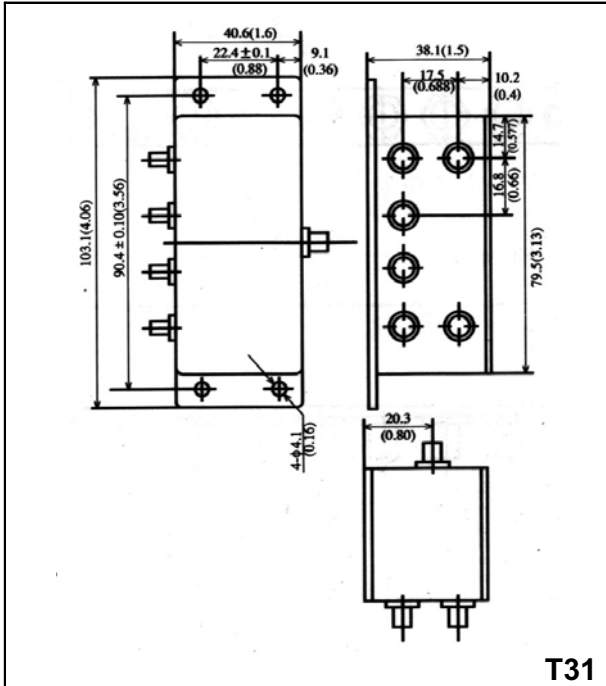
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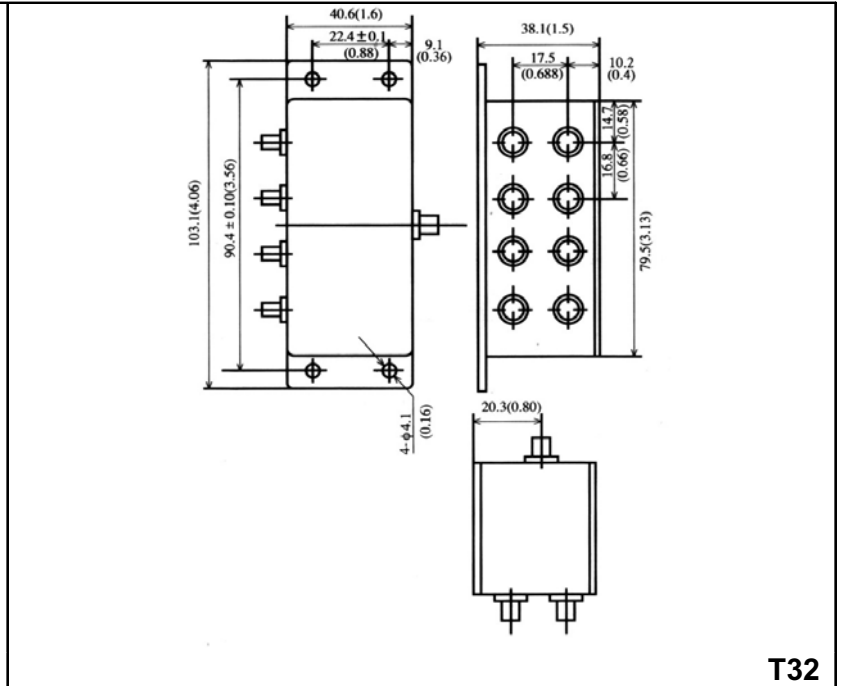
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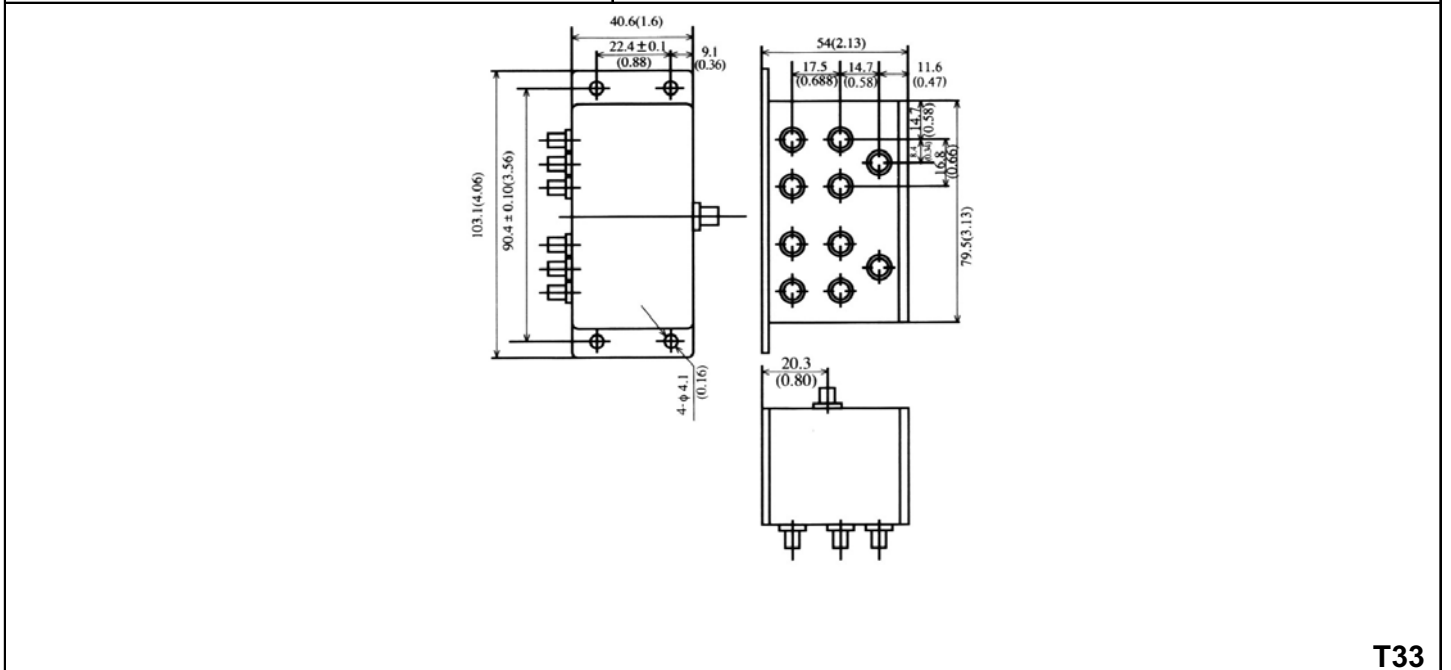




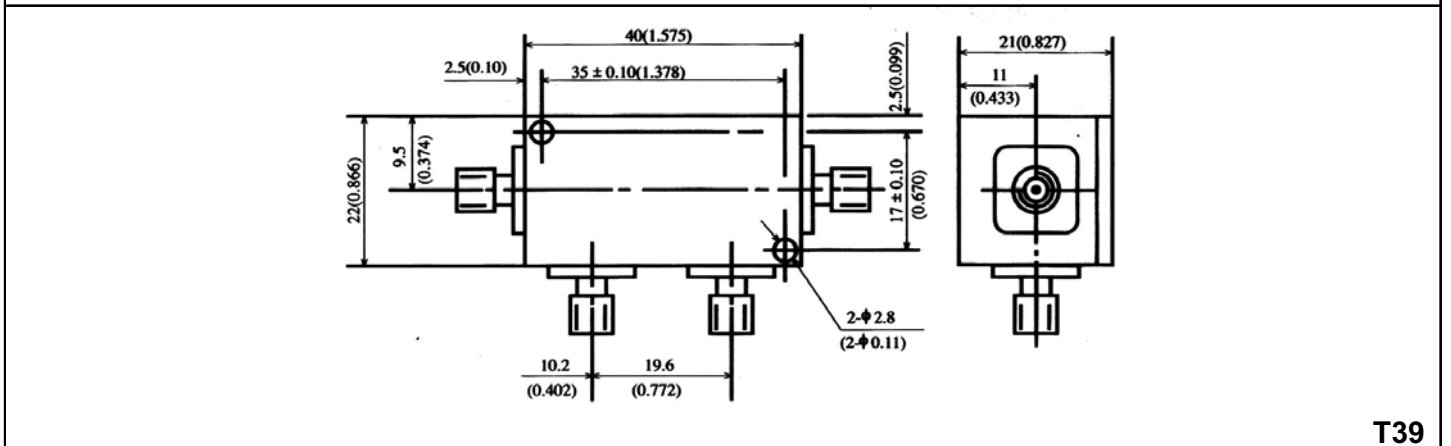
T31



T32



T33



T39