



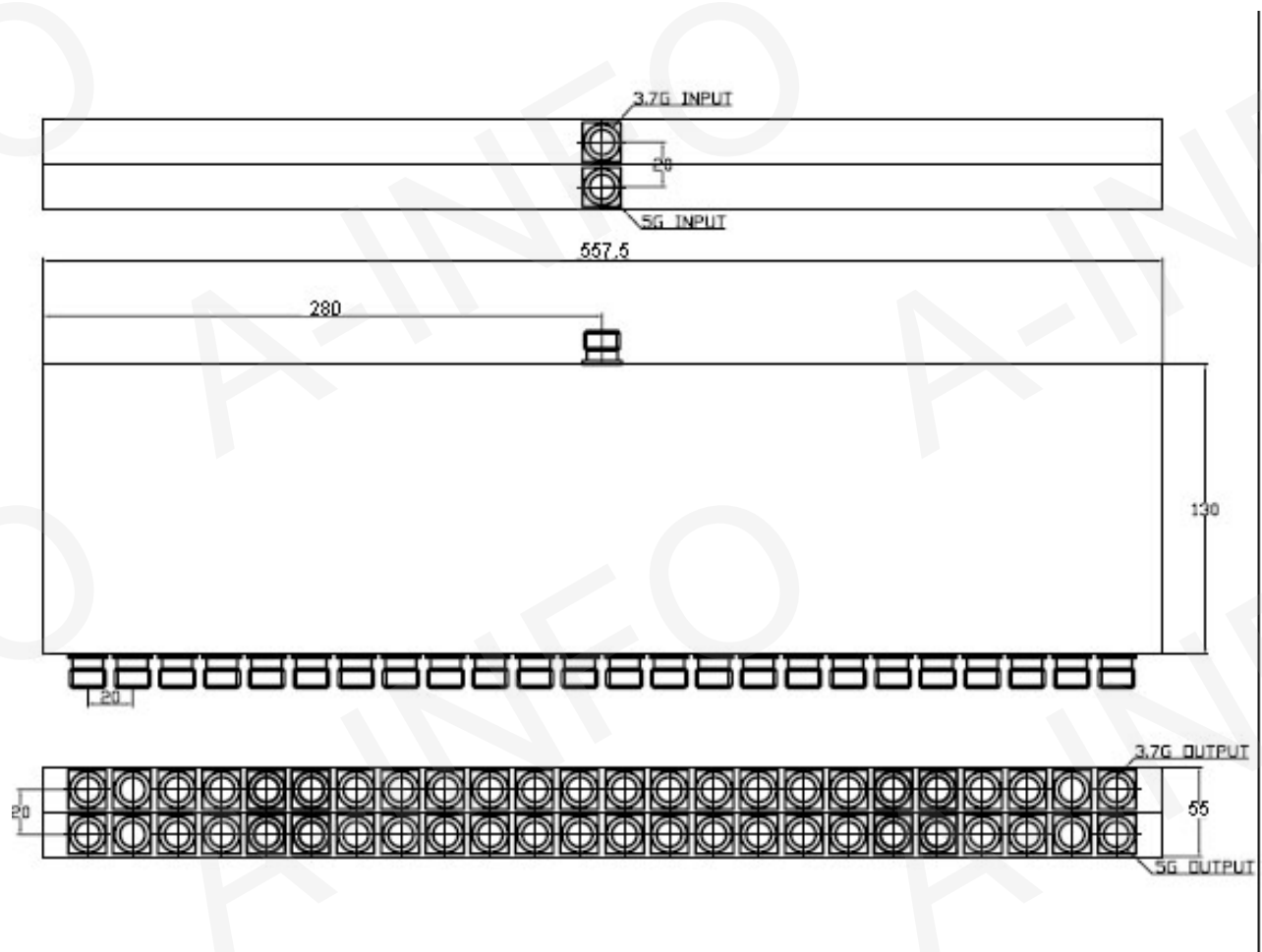
Test report is for reference only.

TEST REPORT
For
JXWBGF-T-24-3600-5100

Technical Specification

Frequency(MHz)	3700±1; 5100±1
Insertion Loss(dB)	2.5
Isolation between output ports(dB)	22
Input Power(W)	25
Phase Balance(°)	±5
Amplitude Balance(dB)	±0.3
VSWR	1.3
Impedance(Ohm)	50
Connector	N-Female
Operating Temperature(°C)	-55 ~ +85
Storage Temperature(°C)	-60 ~ +90
Size(mm)	557.5 x 130 x 55

Outline Drawing



Test Results

1. 3700±1MHz

Insertion Loss(dB)	Isolation(dB)	Phase Balance(°)	Output VSWR	Input VSWR
15.15	26.2	-61.8	1.11	1.10
15.13	28.8	-60.4	1.21	
15.26	30.1	-62.5	1.22	
15.17	25.4	-60.8	1.15	
15.02	29.7	-59.0	1.23	
15.19	35.2	-58.0	1.13	
15.29	25.7	-60.8	1.07	
15.28	28.8	-62.2	1.15	
15.23	33.5	-61.7	1.15	
15.21	29.5	-62.7	1.23	
15.15	31.7	-63.7	1.20	
15.15	43.1	-62.3	1.15	
15.14	29.7	-62.8	1.19	
15.20	33.0	-63.8	1.14	
15.31	32.4	-64.4	1.18	
15.23	30.0	-63.7	1.06	
15.22	25.9	-64.2	1.13	
15.40	29.1	-66.5	1.12	
15.39	30.9	-66.5	1.07	
15.24	24.0	-66.8	1.08	
15.40	26.3	-66.8	1.06	
15.32	34.8	-65.8	1.16	
15.26	30.7	-65.9	1.06	
15.22	27.6	-65.2	1.14	

Note: Theoretical Power Split Loss is 13.8dB for 24-Way Power Divider.

2. 5100±1MHz

Insertion Loss(dB)	Isolation(dB)	Phase Balance(°)	Output VSWR	Input VSWR
15.50	22.0	137.0	1.21	1.24
15.65	22.0	134.8	1.14	
15.70	30.0	136.0	1.05	
15.70	22.0	134.0	1.20	
15.12	32.0	141.8	1.09	
15.50	29.0	135.2	1.16	
15.55	28.0	135.0	1.08	
15.45	28.0	132.5	1.19	
15.68	29.0	138.8	1.12	
15.55	24.0	140.0	1.14	
15.44	31.0	135.9	1.19	
15.41	24.0	138.2	1.15	
15.39	30.0	136.2	1.23	
15.59	26.0	135.7	1.17	
15.58	28.0	138.6	1.19	
15.57	22.0	138.0	1.15	
15.30	31.0	134.0	1.14	
15.39	23.0	132.0	1.08	
15.12	24.0	134.0	1.26	
15.20	22.0	132.0	1.12	
15.30	24.0	132.5	1.17	
15.20	22.0	134.0	1.09	
15.14	23.0	133.0	1.14	
15.10	22.0	136.6	1.06	

Note: Theoretical Power Split Loss is 13.8dB for 24-Way Power Divider.