

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	2.2	GHz
IL			1.6	dB
Isolation	20			dB
Input VSWR			1.5	
Output VSWR			1.5	
Amplitude balance			0.7	dB
Phase balance			6	°

Other parameters

Power Capacity	20W Design assurance
X-Way	20 Way
Phase	0°
Impedance	50Ω
Connector	SMA-F
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

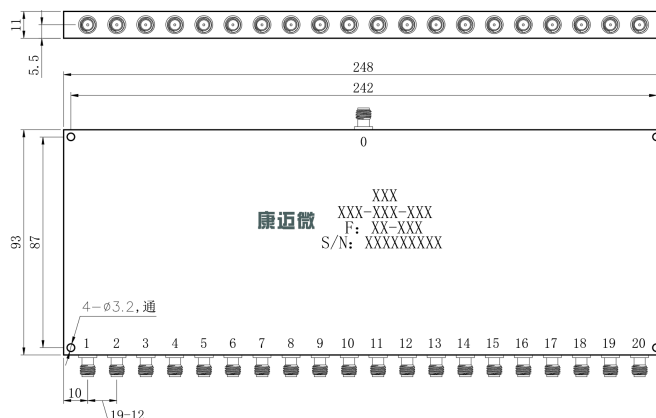
Port Definition

Common port	0
Dispatch Port	1~20

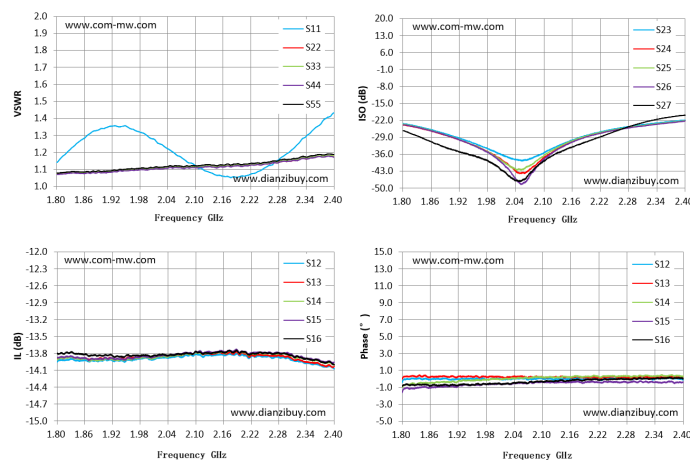
Reference picture



Configuration(mm)



Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- 2 If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VS WR	S22 VS WR	S1 2 IL dB	S23 ISO dB	S13 Pha se (°)
1.80	1.14	1.07	-13. 96	-23. 36	-0.0 4
1.84	1.24	1.08	-13. 93	-24. 88	0.33
1.89	1.33	1.09	-13. 94	-27. 53	0.31
1.93	1.35	1.09	-13. 92	-30. 04	0.28
1.97	1.33	1.10	-13. 90	-32. 94	0.29
2.01	1.28	1.10	-13. 91	-36. 18	0.21
2.06	1.18	1.11	-13. 85	-38. 31	0.27
2.10	1.12	1.11	-13. 81	-35. 41	0.15
2.14	1.07	1.12	-13. 83	-31. 70	0.29
2.19	1.05	1.12	-13. 80	-28. 20	0.18
2.23	1.08	1.13	-13. 86	-26. 31	0.24
2.27	1.14	1.14	-13. 87	-24. 89	0.19
2.31	1.22	1.15	-13. 92	-23. 78	0.26
2.36	1.34	1.17	-13. 99	-22. 66	0.19
2.40	1.43	1.18	-14. 07	-21. 94	0.27

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.