

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	30	~	50	GHz
IL			3	dB
Isolation	13			dB
Input VSWR			2	
Output VSWR			2	
Amplitude balance			1	dB
Phase balance			±8	°

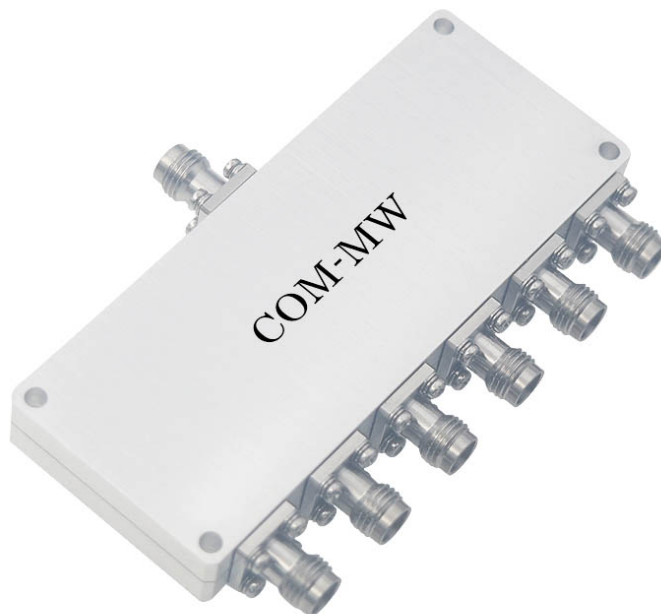
Other parameters

Power Capacity	10W
way	6-way
Phase	0°
Impedance	50Ω
Connector	2.4-K
Connector material	Stainless steel
Surface	Conductive oxidation
Product shell material	Aluminium
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

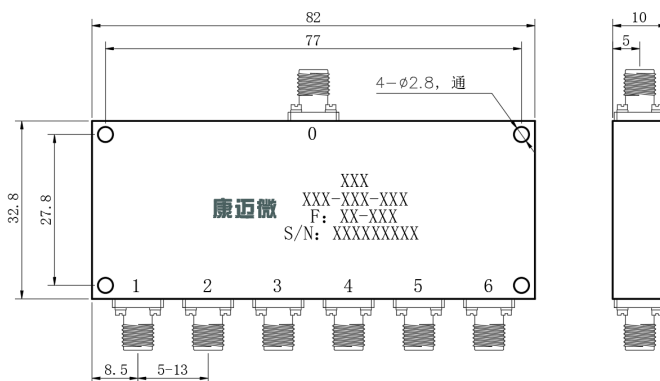
Port Definition

Common port	0
Dispatch Port	1,2,3,4,5,6

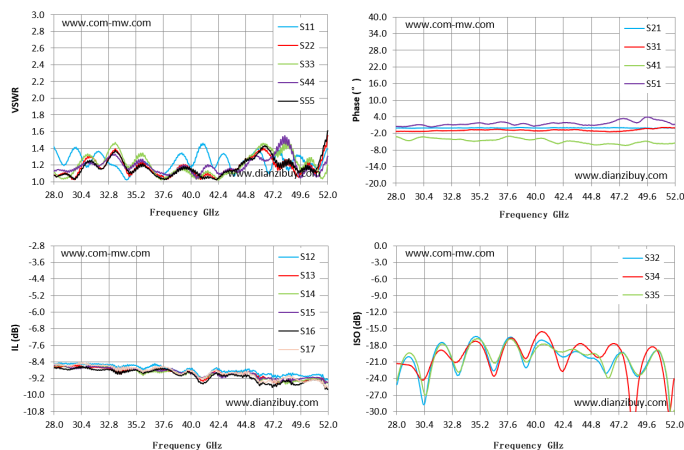
Reference picture



Configuration(mm)



Typical test curve



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

Typical test data

Frequency GHz	S11 VS WR	S22 VS WR	S12 IL (dB)	S31 相 位°	S32 隔离 dB
28.01	1.42	1.08	-8.5 1	-1.3	-25. 16
29.72	1.38	1.03	-8.4 9	-1.2 5	-22. 55
31.43	1.28	1.28	-8.5	-1	-18. 59
33.15	1.2	1.35	-8.5 2	-0.9 9	-23. 06
34.86	1.09	1.09	-8.5 7	-0.6 9	-16. 44
36.58	1.16	1.13	-8.6 1	-0.5 6	-22. 21
38.29	1.18	1.07	-8.7 5	-0.8 3	-17. 34
40	1.18	1.15	-8.7 8	-1.0 7	-18. 09
41.72	1.26	1.08	-8.9 3	-0.6 8	-19. 08
43.43	1.19	1.15	-8.8 7	-0.6 2	-19. 17
45.14	1.27	1.3	-8.8 1	-1.1 3	-20. 47
46.86	1.09	1.33	-8.9 9	-1.3	-20. 4
48.57	1.13	1.24	-8.9 7	-0.7 5	-23. 18
50.29	1.22	1.21	-9.1 9	-0.2 9	-19. 2
52	1.39	1.55	-9.2 7	-0.0 7	-31. 27

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.

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