

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	30	~	56	GHz
Passband IL	/	/			2	dB
Ripple	/	/			1	dB
Rejection	DC-28	GHz $\geq$	45			dB
Rejection	58-60	GHz $\geq$	40			dB
Rejection	60-66	GHz $\geq$	60			dB
Passband VSWR	/	/			2	

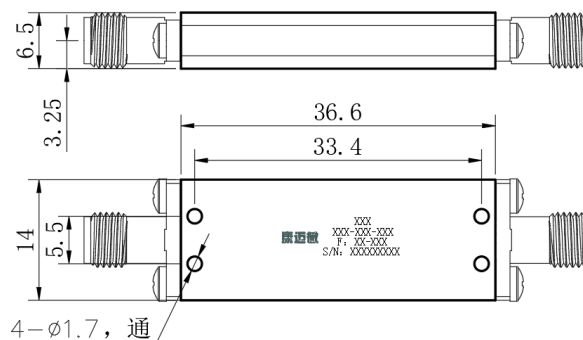
Other parameters

Connector	2.4-F or K detachable Pin 0.23mm
Connector material	Stainless steel
Impedance	50 Ω
Surface	silver-plate
Power Capacity	5W Design assurance
Product shell material	Aluminium
Delay ripple	≤ 1.8 ns
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

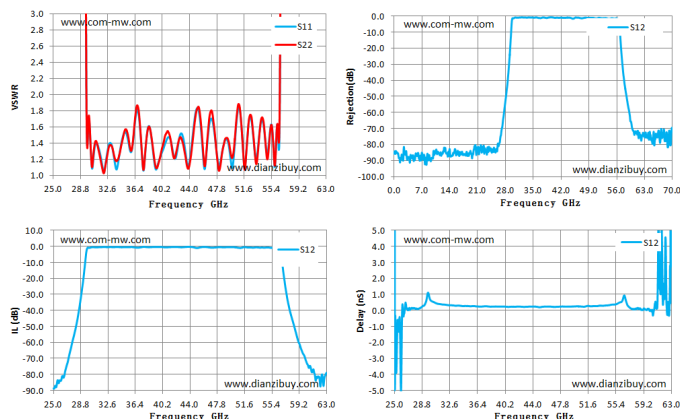
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency GHz	S11 VS WR	S22 VS WR	S12 IL (dB)	S12 Reje ctio n	S12 Dela y (ns)
25.00	21. 39	22. 72	-88. 80	-85. 59	-12. 74
27.71	20. 58	22. 72	-58. 33	-89. 91	0.14
30.43	1.1 0	1.1 1	-0.5 2	-86. 20	0.52
33.14	1.3 9	1.3 7	-0.4 8	-87. 79	0.30
35.86	1.2 9	1.3 0	-0.4 6	-88. 78	0.27
38.57	1.5 6	1.5 6	-0.5 5	-92. 14	0.23
41.29	1.4 6	1.4 8	-0.4 9	-88. 48	0.23
44.00	1.1 7	1.1 3	-0.3 7	-84. 54	0.23
46.71	1.5 9	1.6 7	-0.7 1	-83. 71	0.23
49.43	1.3 9	1.4 2	-0.5 4	-85. 04	0.24
52.14	1.5 6	1.5 6	-0.7 5	-86. 68	0.26
54.86	1.2 7	1.2 1	-0.7 1	-85. 96	0.36
57.57	10. 49	12. 71	-33. 72	-86. 92	0.09
60.29	12. 31	14. 06	-73. 29	-80. 90	-0.0 2
63.00	12. 16	12. 22	-79. 09	-81. 26	2.75

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