

Product features

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Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.5	~	18	GHz
Attenuation range	0	~	30	dB
IL			4.5	dB
VSWR			2.2	
Attenuation accuracy			±1.5	dB
Attenuation flatness			±0.8	dB

Other parameters

step	0.5dB
衰减位数	6 bits
Switching time	250ns
Power Capacity	27dB设计保证
Impedance	50Ω
Connector	SMA-F
Surface	Grey
Working voltage	±5V
Working current	±50mA
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

控制电压:

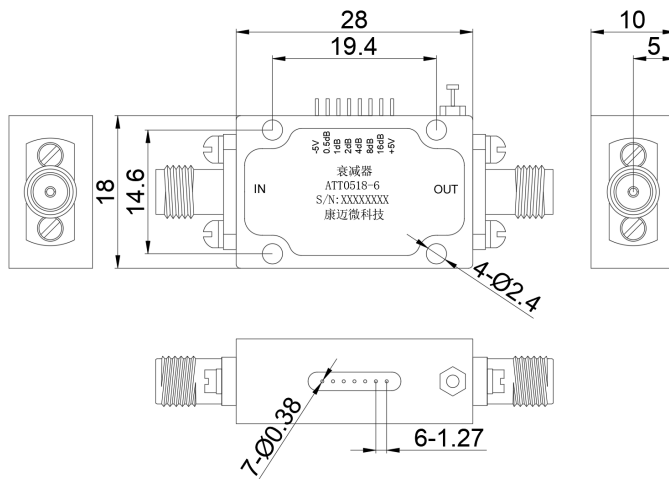
表 1 控制电压

状态	偏置条件
低电平	0 至 0.4V@1mA
高电平	3.3 至 5V@1mA

Reference picture



Configuration(mm)

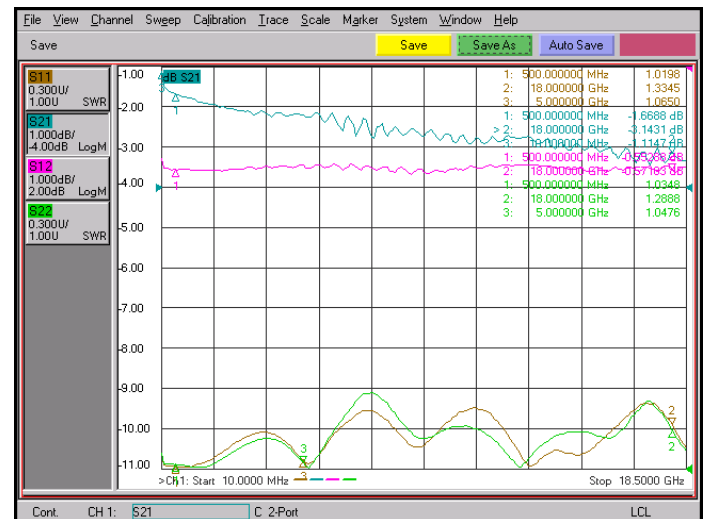
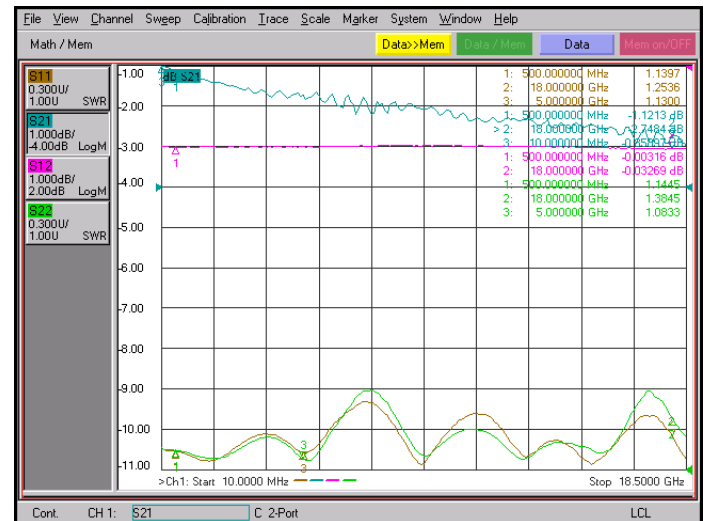


Truth table

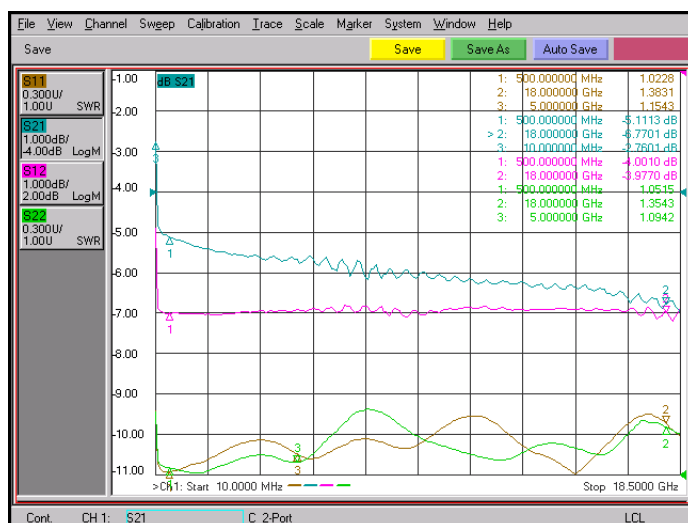
表 2 真值表

控制电压输入						衰减状态 输入-输出
0.5 0.5dB	1 1dB	2 2dB	4 4dB	8 8dB	16 16dB	
低电平	低电平	低电平	低电平	低电平	低电平	参考电流 I.L
高电平	低电平	低电平	低电平	低电平	低电平	0.5dB
低电平	高电平	低电平	低电平	低电平	低电平	1dB
低电平	低电平	高电平	低电平	低电平	低电平	2dB
低电平	低电平	低电平	高电平	低电平	低电平	4dB
低电平	低电平	低电平	低电平	高电平	低电平	8dB
低电平	低电平	低电平	低电平	低电平	高电平	16dB

Typical test curve



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



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Note

1. Clean the surface of the product, do not soak the product in cleaning solution for cleaning;
2. Pay attention to anti-static during installation or storage;
3. If the overall temperature is greater than 125 °C, please consult with us before placing an order.