

Product features

Broadband, high-power.

The switching life of the switch is greater than 2 million times.

Touch screen display, supporting /uploads/kmw-media/dsm8-0-18g-3888/manual/DSM8-0-18G-3888@2025-05-04-16-28-17.pdf channel switching.

Standard 19 inch chassis.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18000	MHz
IL		0.3	0.5	dB
Isolation	60	70		dB
VSWR		1.3	1.5	

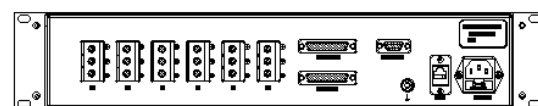
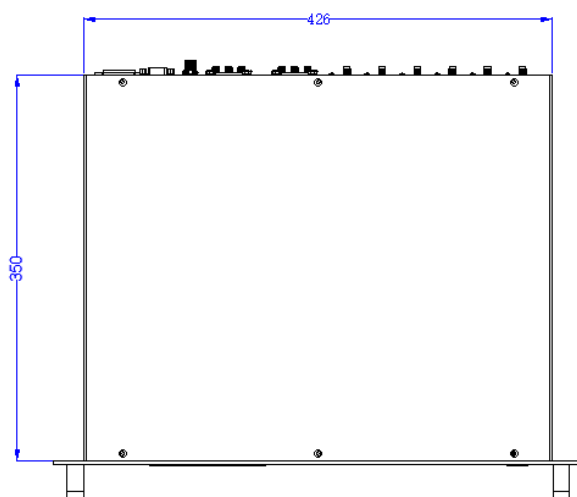
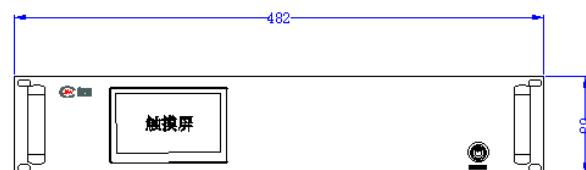
Other parameters

Switch way	Choose one out of six groups
Switching characteristic	Mechanical reflective programmable switch
Switch time	15ms
Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	100W@3GHz; 80W@6GHz; 40W@18GHzW
Working voltage	+220V
Operation Temp.	-30~+70°C Design assurance
Quality Grade	Industrial grade
Other	Supports network port and display control, providing controllable 16 sets of +27V power supply (maximum current of 200mA per set)

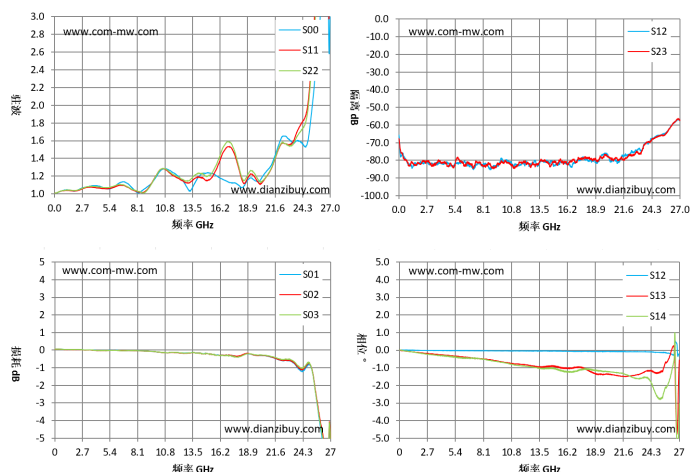
Reference picture



Configuration(mm)



Typical test curve



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

COM-MW DC~18000MHz, Choose one out of six groups, programmed switch, SMA-K, Supports network port and display control, providing controllable 16 sets of +27V power supply (maximum current of 200mA per set)

TECHNOLOGY
Typical test data

频率 GHz	S00 驻 波	S11 驻 波	S02 损耗 dB	S23 隔离 dB	S14 相位 °
0.1	1.01	1.01	-0.01	-67.85	0.02
3.86	1.09	1.07	-0.02	-80.72	-0.31
5.79	1.08	1.07	-0.11	-79.74	-0.42
9.64	1.14	1.15	-0.18	-81.99	-0.67
13.5	1.07	1.15	-0.24	-81.06	-1.03
17.36	1.12	1.51	-0.32	-78.93	-1.12
19.29	1.18	1.22	-0.34	-78.91	-1.18
23.14	1.59	1.56	-0.62	-76.26	-1.62

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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