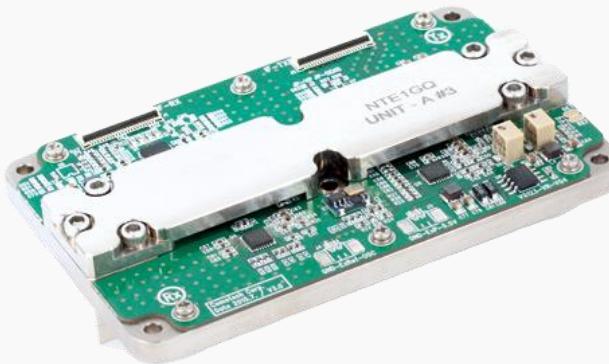


# E-band RF Module

71 to 76 GHz/81 to 86 GHz



**Microwave Farm's E-band RF Module** operates in the frequency range from 71 to 76 GHz/81 to 86 GHz. It has gain of 25 dB and Output power is +24 dBm. We can design customized products according to customer's requirement.



## ■ Specification

Scope	Specification	MFWMER-01
TX	RF Frequency	71 to 76 GHz/81 to 86 GHz
	IF Frequency	1 to 6 GHz
	IF Baseband Input Power	-5 dBm
	Output Power(Typical)	+24 dBm
	Psat	+26 dBm(@ +6dBm input)
	Image Rejection	20 dB
RX	VSWR(Typical)	1:5 : 1
	RF Frequency	71 to 76 GHz/81 to 86 GHz
	IF Frequency	1 to 6 GHz
	Input Power(Max)	-15 dBm
	Gain	25 dB
	Noise Figure(Typical)	7 dB
Common	Image Rejection	20 dB
	Bias	+6 Vdc/2.6A
	Max. Operating Voltage	+ 12 Vdc
	Temperature	-20 to +50 °C