

## ZY5RF24-M4 I/Q Mixer Module

Standardized I/Q mixer series modules, the product has the characteristics of large dynamic range, low frequency conversion loss, small volume, good dual consistency, wide frequency coverage and so on. Double balanced mixer chip is used inside, local oscillator single port and RF port can be reciprocal and easy for users to use. This series of products is a functional extension of the standard mixer, for a series of radar receiver development module. It is widely used in various radar systems.



### Selection Guide for I/Q Mixer Module

Module NO.	RF Frequency	IF Frequency	Conversion Loss	LO Power	LO IF Isolation	Input 1dB Compression Point
	(GHz)	(GHz)	(dB)	(dBm)	(dB)	(dBm)
ZY5RF24-M401	1-2	DC-0.5	10	16	25	10
ZY5RF24-M402	2.5-4	DC-1	10	15	20	10
ZY5RF24-M403	4-8.5	DC-3.5	10	15	40	8.5
ZY5RF24-M404	8.5-13.5	DC-3.5	10	15	30	7.5
ZY5RF24-M405	12-18	DC-3.5	9	15	35	8
ZY5RF24-M406	15-23	DC-3.5	9	15	25	8
ZY5RF24-M407	20-36	DC-8	9	16	30	8
ZY5RF24-M408	25-33	DC-5	9	15	40	8