

ZY5RF25-M9 Numerical control phase shifter series module

Standardized phase shifters series modules, the product has the characteristics of high phase shift accuracy, low loss, small volume, wide frequency coverage and so on. 6-bit phase shifters chip is used inside, it provides a variety of control methods. This series of modules developed for a series of phased array systems are widely used in radar and communication phased array systems.



Selection Guide for Numerical control phase shifter series module

Module NO.	Frequency Range	Phase Shift Digit	Insertion Loss	Phase Shift Precision	Amplitude Fluctuation	Standing Wave	Control Level
	(GHz)		(dB)	(°)	(dB)		
ZY5RF25-M901	1-1.2	6	5	2	±0.5	1.5	0/-5V;TTL optional
ZY5RF25-M902	1.2-1.6	6	5	2	±0.5	1.5	0/-5V
ZY5RF25-M903	1.5-1.8	6	5	2	±0.5	1.5	0/-5V
ZY5RF25-M904	1.6-2.0	6	5	3	±0.5	1.5	0/-5V;TTL optional
ZY5RF25-M905	2.0-2.5	6	5	2	±0.5	1.5	TTL
ZY5RF25-M906	2.7-3.5	6	6	2	±0.5	1.5	0/-5V;TTL optional
ZY5RF25-M907	3.7-4.2	6	6	1.5	±0.3	1.5	0/-5V
ZY5RF25-M908	4.5-5	6	6	1	±0.3	1.5	0/-5V
ZY5RF25-M909	5-6	6	6	1	±0.3	1.5	0/-5V;TTL optional
ZY5RF25-M910	6.5-8.5	6	7.5	3	±0.5	1.5	0/-5
ZY5RF25-M911	9-12	6	8	2	±0.5	1.5	0/-5
ZY5RF25-M912	12-15	6	8	4	±0.5	1.5	0/-5
ZY5RF25-M913	15-18	6	9	2.5	±1	1.5	0/-5
ZY5RF25-M914	17-21	6	9	2.5	±1.1	1.5	TTL
ZY5RF25-M915	18.5-23.5	6	10	3	±1.1	2	0/-5V;TTL optional
ZY5RF25-M916	24-29	6	10	2	±0.7	1.5	0/-5V;TTL optional
ZY5RF25-M917	29-32	6	11	3	±0.7	2	0/-5V;TTL optional
ZY5RF25-M918	30-40	6	8	4	±0.8	1.8	0/-5V
Dimension				18mm×17.5mm×8mm			