

DC~18GHz 50W Phase Shifter (PN: W22AI0004)

APPLICATION SUMMARY

Phase shifters are used to continuously transform the delay the signal and adjust phase of measure system in RF transmission system and in phase-controlled antenna array radar.

TECHNICAL KEY FEATURES

- Low loss
- High reliability
- Customized Available
- RoHS Compliance



ELECTRICAL SPECIFICATIONS

Impedance: 50Ω

Average Power: 50W

Peak Power (5μs): 5kW

(5μs pulse, 1% duty cycle)

Temperature Range:

Operation: -10℃~+50℃

Non-operation: -40℃~+70℃

No.	Frequency Range(GHz)	Max VSWR	Insertion Loss (dB)	Phase Adjustment	Connector Type	Dimensions(mm)	Weight(g)
1	DC-2	1.25	≤0.35	0-40°@2GHz	SMA	70*13*15	50
2	DC-3	1.30	≤0.5	0-60°@3GHz			
3	DC-6	1.40	≤0.75	0-120°@6GHz			
4	DC-9	1.50	≤1.0	0-180°@9GHz			
5	DC-12	1.60	≤1.25	0-240°@12GHz			
6	DC-18	1.60	≤1.5	0-360°@18GHz			