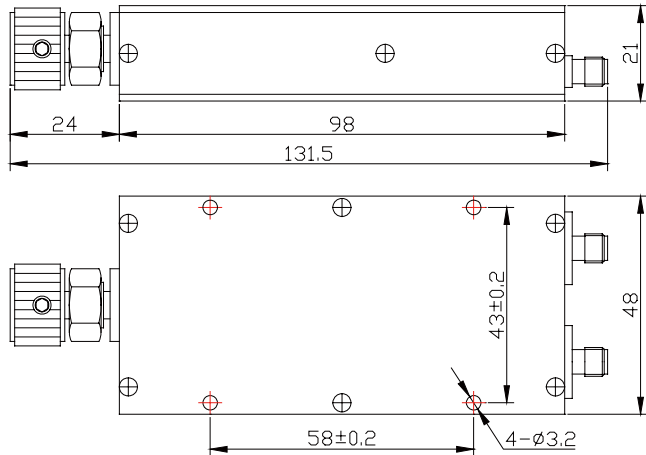
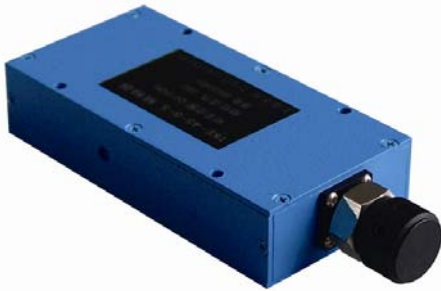


Model TKE-45-8-S 45°/GHz DC-8GHz 50 Watts



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

TKE-45-8-S phase shifters' average power 50W, frequency range DC-8GHz, adjustable phase 45° per GHz and totally 360° phase adjustable.

MECHANICAL SPECIFICATIONS

Connectors	Female Pin	Housing	Temp Range	Dimensions	Weight
Brass Gold Plated	Beryllium Copper Gold Plated	Aluminum, Blue Spray Painting	Operating: -10°C~+50°C Non-operating: -40°C~+70°C	131.5×48×21mm	200g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Max VSWR	Insertion Loss(dB)	Phase Adjustment
TKE-45-1-S	DC-1	1.20	≤0.3	0-45°
TKE-45-2-S	DC-2	1.30	≤0.5	0-90°
TKE-45-4-S	DC-4	1.40	≤0.75	0-180°
TKE-45-6-S	DC-6	1.50	≤1.0	0-270°
TKE-45-8-S	DC-8	1.50	≤1.25	0-360°

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 50W

PEAK POWER: 5KW (5μs pulse width with 1% duty cycle)

CONNECTOR TYPE: SMA (F, F)

Notes:

1. Dimensions Tolerance ±2%