



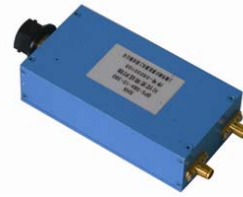
UNIVERSAL COOPERATE LTD.

Model UCLTKE-S-8-360

Phase Shifters

360°with 45°/GHz

50 Watts DC-8GHz



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.

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

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 50W

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

TEMPERATURE RANGE:

Operating: -10°C~+50°C;

Non-operating: -40°C~+70°C

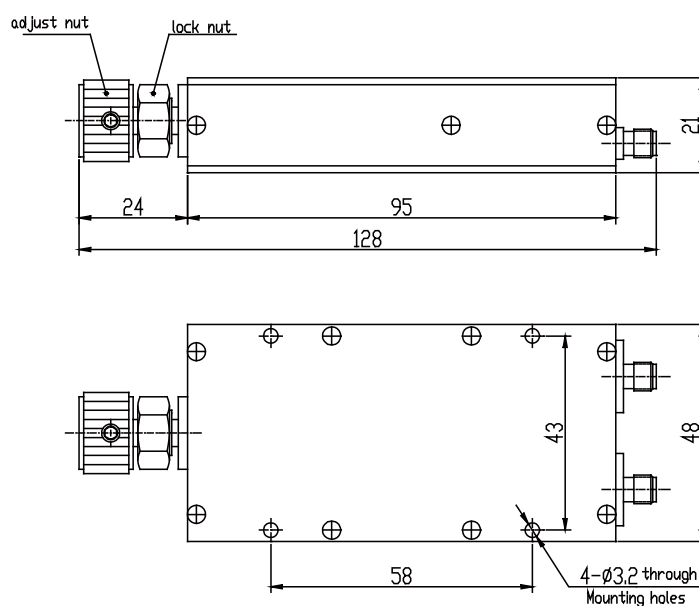
CONNECTOR TYPE: SMA

WEIGHT: 160g

PHYSICAL DIMENSIONS: 128×48×21mm

Model Number	Frequency Range(GHz)	Max VSWR	Insertion Loss(dB)	Phase Adjustment
UCLTKE-S-2-90	DC-2	1.3	≤ 0.75	90°
UCLTKE-S-4-180	DC-4	1.4	≤ 1.00	180°
UCLTKE-S-6-270	DC-6	1.5	≤ 1.25	270°
UCLTKE-S-8-360	DC-8	1.5	≤ 1.5	360°

Outline Drawings



* Dimensions are given in mm and tolerance $\pm 2\%$.

** VSWR varies according to frequency.