

The phase shifters with an average power of 10 W, frequency range from DC to 6GHz, max VSWR is 1.55, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

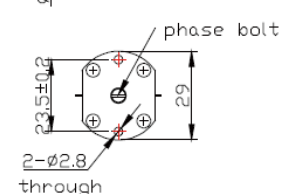
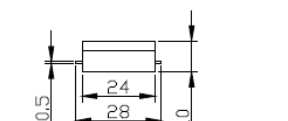
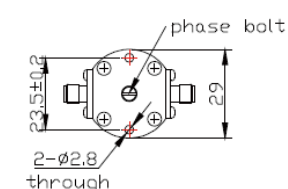
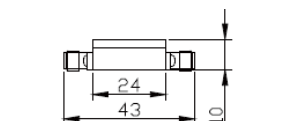
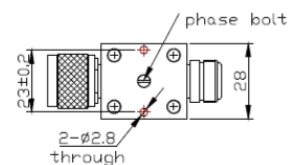
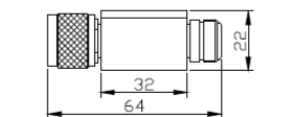
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

FEATURES

- Wide frequency Band
- Low VSWR

MECHANICAL SPECIFICATIONS

Connectors	Brass, Nickel Plated (N) Brass, Gold Plated (SMA)
Male Pin	Brass, Gold Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Anodic Oxidation
Temp. range, °C	-40 – +70
Dimensions, mm	64×28×22 (N) 43×29×10 (SMA) 28×29×10 (Lead)
Weight, g	105 (N) 25 (SMA) 20 (Lead)


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range, (GHz)	Insertion Loss, (dB)	Phase Adjustment per GHz, (°)	Phase Adjustment range, (°)	VSWR max
LBWS-PHS-6-10-90-NMF	DC – 6	≤1.25	15	90	1.55
LBWS-PHS-6-10-90-SMAFF					
LBWS-PHS-6-10-90-Lead					

NOMINAL IMPEDANCE: 50 Ohm

AVERAGE POWER: 10 W

PEAK POWER: 500 W (5 µs pulse width with 2% duty cycle)

CONNECTOR TYPE: SMA (Female/Female), N (Male/Female), Lead

Order information:

LBWS-PHS-6-10-90-XXX – choose connector type

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of ±5%.
2. Dimensions and specifications refer to connector type N unless otherwise specified.
3. Custom models can be supplied according to customer requirements.