

The digital phase shifter with maximum input power of 0.32 W, frequency range from 1.7 to 2.2 GHz, max VSWR is 1.8, digital control, excellent capacity in anti-pulse and anti-burnout.

TYP. APPLICATIONS

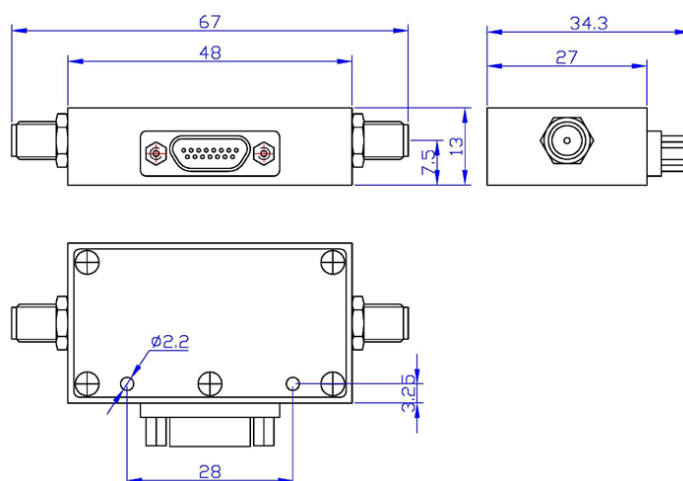
- Television systems
- AC mains
- Satellite communication
- Wireless or cable systems as solo device
- Measurement systems
- An element of radio-electronic equipment
- RFID and IoT systems

FEATURES

- Wide frequency Band
- Low VSWR

MECHANICAL SPECIFICATIONS

Temp. range, °C	-40 – +80
Dimensions, mm	67×34.3×13
Weight, g	20


ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range (GHz)	Insertion Loss, (dB)	Phase Accuracy, (°)	Control Step Size, (°)	Switching Speed, ns	Control Bit TTL	Phase Adjustment range, (°)	VSWR max
LBWS-PHSD-2.2-0.32-360-S-SMAFF	1.7 – 2.2	≤7	≤4	1.4	<400	8	360	1.8

NOMINAL IMPEDANCE: 50 Ohm

MAX INPUT POWER: 0.32 W

MAX BIAS VOLTAGE: +5V±10%

CONNECTOR TYPE: SMA (Female/ Female)

CONTROL INTERFACE: J30J-15ZKP

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.