

# 64 x 4 Phase Shifter Matrix



64 x 4 Phase Shifter Matrix  
front panel



64 x 4 Phase Shifter Matrix  
back panel



64 x 4 Phase Shifter Matrix  
side view

## PRODUCT FEATURES

The 64x4 Phase Shifter Matrix is a product used for example 5G MIMO beamforming testing purposes. The 64 inputs can be simultaneously connected to each of the four outputs, and the four outputs can then be connected to the DUTs. Its programmable phase shifting matrix is bidirectional system equipped with individual attenuators which can independently adjust the signal levels for each input.

### General information

- Mode of operation: Operated by SW and APIs
- Color: Black
- External dimensions: W430 x D432 x H286 (mm)
- Weight: 16kg
- Option: Balance calibration unit

### Performance

- Working frequency: 1.7GHz to 6GHz
- Attenuation range: 0 to 95dB, 0.25dB step
- Phase shift range: 360°, 1° per step
- Voltage: 100-240 Vac nominal
- Frequency: 50-60Hz

### Environmental Requirements

- Temperature range: -10 to 50°C
- Humidity: <70

### Software (Client Software)

- OS: Microsoft Windows
- API functionalities: Create test sequences, manage phase and attenuation values individually, manage ethernet interface, reboot system, list the channel information
- API Communication: Through Ethernet via a Telnet-interface
- Possibility to run automated reports directly from the device unit



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We create testing solutions for our customers to help them to develop new products and technologies and to secure the high quality and functionality of the products. With our equipment, our customers are able to accelerate product development and reduce manufacturing costs in production.

We are driving the technological change and building the future automated world. We want to solve our customers' testing problems and to be the leader of the 5G breakthrough. We are pioneers of solving rough technological challenges and we deliver bigger than we are. In our design we ask why instead of what and how.

In Orbis Systems we call it knowledge - A whole new ball game.

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