

kronback tracers

S16

RF SWITCH



HIGH PRECISION

- * 16x1 switch, frequency range: 4-1220 MHz
- * Wide range of applications
- * 10/100 base-T or USB control
- * Power over ethernet acc. to IEEE 802.3af
- * Web-based user interface
- * Remote control IP socket interface
- * Front control
- * Master Slave control allows up to 256 inputs
- * Low power: less than 2 W

EXPANSION STACKING EXAMPLE 76 inputs

Input 1-16



Input 17-32



Input 33-48



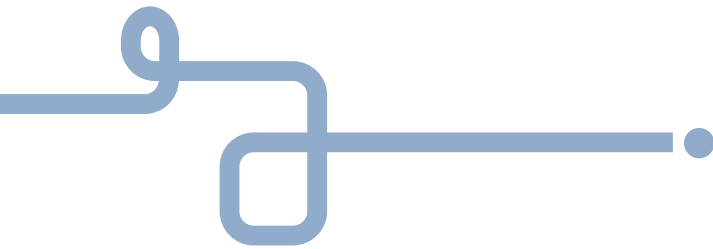
Input 49-64



Input 65-76



Output



S16

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RF SWITCH

FLEXIBLE RF SWITCH

Kronback Tracers S16 is a compact, flexible RF switch for switching up to sixteen inputs over to one output in the 4 - 1220 MHz range.

WIDE RANGE OF USE

The S16 is useful as input expansion for existing measurement systems, including the Kronback Tracers X16. The S16 is also an excellent choice for n+1 headend redundancy handling, RF laboratory usage, time-shifting RF channels and emergency switching.

WEB-BASED USER INTERFACE

The S16 is equipped with a web-based user interface, allowing users to name each input individually. The switch and its location can also be named. National characters are allowed in all text fields.

MASTER-SLAVE CONTROL

The master-slave function allows multiple S16 units to be connected. This allows configurations up to 256x1. The web interface of the S16 master unit ensures that the multiple S16 forms one virtual switch.

REMOTE CONTROL

The IP stack of the S16 provides excellent features for remote-controlling the unit for access to third-party control software.

SPECIFICATIONS

STANDARD COMPLIANCE

- IEEE 802.310Base-T Ethernet
- IEEE 802.3u 100Base-Tx Ethernet
- IEEE 802.3af Power over Ethernet

NETWORK CABLE

- Network cable 10BASE-T: 2-pair UTP/STP Cat.3, 4, 5 cable EIA/TIA-568 100-ohm (100m)
- 100BASE-TX: 2-pair UTP/STP Cat.5 cable EIA/TIA-568 100-ohm (100m)

RF SPECIFICATIONS

- Input 1-16:
 - Connector: F-type 75 Ohm, AC coupled
 - Frequency response: 4-1220 MHz
 - Insertion loss: 4 MHz: 1.5 dB, 1220 MHz: 3.5 dB
 - Frequency ripple: <1 dB
 - Return loss: >18 dB@40 MHz -1.5 dB/oct
 - Isolation: >60 dB

- Output:

- Connector: F-type 75 Ohm, AC coupled

CONSOLE

Connector: RJ 45
RS232 standard
Communication parameters:
9600 baud
8 data bits
1 stop bit
No parity
No flow control

CERTIFICATION

CE
FCC

PHYSICAL SPECIFICATIONS

Height: 43.8 mm (1 unit)
Width: 482 mm (standard 19" dimensions)
Depth: 55 mm (2.2")
Weight: 850 g (1.9 lb)

ELECTRICAL

Power over Ethernet according to IEEE803.2af (pin 4,5 & 8,7)
Reverse polarity protection
Power consumption: 1-2 Watt

ENVIRONMENTAL

Operating Temperature: 5°C ~ 45°C
Storage Temperature: -20°C ~ 55°C
Operating Humidity: 10% ~ 90%, non-condensing
Fanless device

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Kronback Tracers is an innovative, rapidly-growing company. We operate globally and our dedicated and experienced staff are ready to serve our customers worldwide.

We encourage you to contact our sales organization to test our products on your premises.

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