

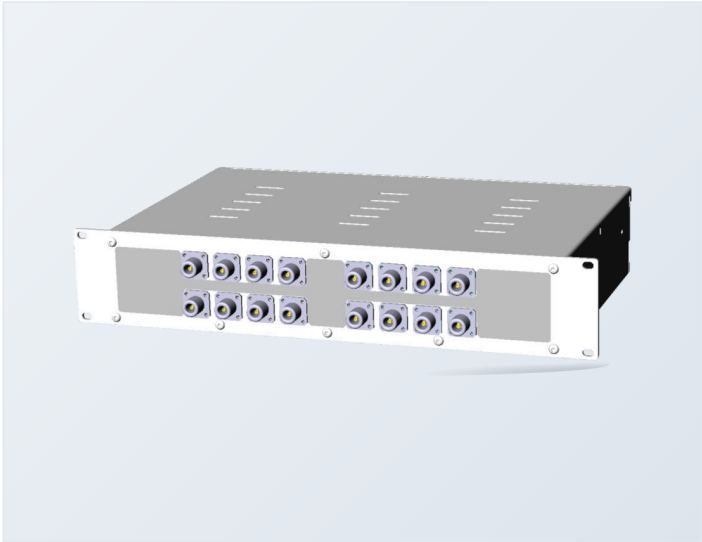
RF Switching Unit

TB1324 | LAN CONTROLLED · 19" 2U

Bluelec TB1324 is a 19" 2U rack-mount RF switching unit that routes a single common port (COM) to any of sixteen RF paths (RF1 – RF16). All ports use 50 Ω N-type connectors for robust, repeatable connections in rack-based RF test systems.

- COM to RF1 – RF16 switching, 50 Ω nominal.
- N-type (female) RF interface on every port.
- Remote control over LAN (UDP).
- 19" 2U rack enclosure, 12 VDC powered.

Designed for automated RF test systems, the TB1324 combines wide frequency coverage, LAN control, and rugged N-type connectivity in a single rack unit.



COM to RFn

RF SPECIFICATIONS

Configuration	COM to RF1 – RF16
Impedance	50 Ω (nominal)
RF connectors	N (female)

Frequency	Insertion loss (COM–RFn)
1 GHz	2.2 dB
3 GHz	3.2 dB
6 GHz	4.5 dB

Insertion loss values are typical.

INTERFACE

RF	N (f) – N (f)
Control	LAN (UDP)
Power	12 VDC socket
Form factor	19" 2U rack

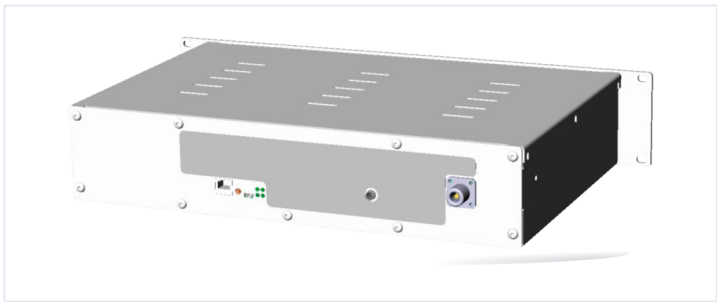
The switch path is selected over LAN using UDP commands; the unit is powered from an external 12 VDC supply via the rear-panel socket.

ENVIRONMENTAL

Operating temperature	0 – 50 °C	Storage temperature	–20 ... +70 °C
Relative humidity	95 % at +40 °C	Compliance	RoHS

REAR PANEL

LAN · 12 VDC · COM



 3D CAD models available on request via sales@bluelec.com