



LinkBone Switch

Short specifications

Type: 8x8 Matrix/Dual 8x8 Matrix

Version 0.1



<ul style="list-style-type: none"> ▪ Characteristics of A to P ports: <ul style="list-style-type: none"> ○ Bandwidth (-3dB) ○ Insertion loss ○ Crosstalk between adjacent ports ○ Maximum input voltage ○ Maximum current ○ Impedance ○ BNC pin contact 	50Mhz (typical) TBD @1Mhz TBD @10Mhz TBD @25Mhz TBD @50Mhz TBD +/-24V 1.5A 50 Ω gold plated
<ul style="list-style-type: none"> • Internal switch specification: <ul style="list-style-type: none"> ○ Switch type ○ Contact material ○ ○ Expected mechanical life ○ Switch time 	bistable gold clad, isolated from external atmosphere minimum 10 ⁸ maximum 10ms
<ul style="list-style-type: none"> • System display <ul style="list-style-type: none"> ○ Resolution ○ Touch screen 	128x64 yes
<ul style="list-style-type: none"> • IR Receiver <ul style="list-style-type: none"> ○ Accepted codes ○ Carrier frequency 	RC5 standard 38Khz
<ul style="list-style-type: none"> • Ethernet interface <ul style="list-style-type: none"> ○ Standards ○ Connector type ○ Supported cable types 	10Base-T/100Base-TX, Auto-MDIX, Auto-negotiation RJ45 STP Cat5E, up to 100m length
<ul style="list-style-type: none"> • RS-232 serial interface <ul style="list-style-type: none"> ○ Baudrate ○ Transmission type ○ Transmission control flow ○ Connector type ○ Supported cable types 	9600, 19200, 38400, 57600, 115200 asynchronous, full duplex RTS/CTS, none female 9-pin D-sub D-sub shielded extension cable
<ul style="list-style-type: none"> • Operating temperature 	0 – 40 °C
<ul style="list-style-type: none"> • Operating humidity range 	<= 90% below 35 °C <=60 above 35 °C
<ul style="list-style-type: none"> • Fuse type 	5x20mm fast blow type, current rating 500mA
<ul style="list-style-type: none"> • Installation in 19-inch rack 	yes

- **AC Power adapter type PSC12R-120**

○ Input voltage	100...240 VAC, 50-60Hz
○ Power	12W
○ Output Voltage	12VDC
○ Maximum output current	1000mA
○ DC connector	Center positive standard