

19"/2[®] 6-p Fiber Switch ESW101



Plug in and play hard

The 19"/2 6-p Fiber Switch ESW101 is fully rugged and easy-to-use. Not only is it designed to withstand the most extreme environments over the long haul, it is exceptionally compact to save precious space. There's no need to configure the Switch before use. Whether you're using fiber optic or copper cables, simply plug them in and you're ready to go.

Guaranteed performance

Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and stock spare parts for 5 years after end-of-life.

Mounting

All 19"/2 units can be mounted together in several different ways:

- One 19"/2 unit can be mounted in a 19" rack
- Two 19"/2 units can be mounted together in a 19" rack
- Two or more devices can also be stacked on top of each other

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Technical Specification	
Description	6-port Fiber Switch
Speed	10BaseT / 100BaseTX (Copper) 100BaseFX (Fiber)
Duplex	Full duplex IEEE 802.3x flow control. Half duplex back pressure flow control
Managed	No, unmanaged operation via strapping
VLAN	Not configurable
Interfaces (front)	6 x LAN Fiber Multimode (SC) (100Mbps 1 300nm) 2 x LAN 10/100 Mbps (RJ45) 1 x DC In 10-32V (ITS)
Power Consumption	15 W (maximum)
Transient power protection	Surge & burst on DC in
Case	Aluminium
Dimensions	220 x 182 x 44 mm (W x D x H)
Weight	2 kg
Certification	Designed to meet MIL-STD-810F and MIL-STD-461F
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, (<i>procedure II, III</i>)	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, (<i>procedure I, IV</i>)	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, (<i>Procedure I</i>)	-	Salt concentration of 5 % +-1 % (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, (<i>procedure I, II</i>)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature shock Method 503.4 (<i>procedure I</i>)	-40 °C to +55 °C (-40 °F to +131 °F)	-
Vibration Method 514.5		
- <i>Category 2</i>	-	√
- <i>Category 14</i>	√	-
- <i>Category 20 a & b</i>	√	-

* Only with optional Peli Case

Designed to meet:

MIL-STD-461F	Limitation	Threshold
EMI radiated Method RE102	10 kHz to 18 GHz	Navy Mobile & Army
EMI radiated Method RS103	2 MHz to 1 GHz	Army
EMI conducted Method CE102	10 kHz to 10 Mhz	Basic Curve
EMI conducted Method CS101	30 Hz to 150 kHz	Curve #1
EMI conducted Method CS114	10 kHz to 200 MHz	Army
EMI conducted Method CS115	Tested according to standard	Army
EMI conducted Method CS116	10 kHz to 100 MHz	Army

