

19"/2® 10-p Fiber Switch ESW202



The 19"/2® 10-p Fiber Switch ESW202 is a rugged Ethernet switch, which provides you with 10 SC fiber ports and five rugged RJ45 connectors with PoE. There are three gigabit ports for single mode fiber and seven 100 megabit ports for multimode fiber. It is a high performance layer 2+ switch with a wide range of supported protocols.

Built to take a beating

The 19"/2® 10-p Fiber Switch ESW202 is built from the ground up to withstand the harshest conditions over the long haul. On top of this toughness, we offer lifetime support to ensure your 19"/2® 10-p Fiber Switch ESW202 maintains its performance for many years to come.

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	Layer 2 switch
Speed	10/100 and 1000 Mbps
Duplex	Half or full duplex (only full duplex on 1000 Mbps)
Managed	Yes, manages through CLI or web interface.
VLAN	Up to 16 VLANs can be stored in EEPROM.
Link aggregation	Static or LACP
QoS	Support DiffServ, IP Precedence, 802.1p or port-based priority
SNMP	SNMP v1,v2c & v3. Supports GET, GET NEXT, SET, GET BULK operations as well as SNMP traps
Other features	IGMP, RSTP, MSTP, SSH & more Mirroring, filtering and debug support.
Power over Ethernet	Power over Ethernet standard IEEE802.3af on 5 x LAN 10/100/100 Mbps (RJ45) (max output 15,4 W per channel only between 18 – 32V DC In)
Interfaces (front)	1 x LAN Fiber, 1000 Mbps (SC) (Single Mode, 1310 nm) 7 x LAN Fiber, 100 Mbps (SC) (Multi Mode, 1310 nm)
Interfaces (back)	2 x LAN Fiber, 1000 Mbps (SC) (Single Mode, 1310 nm) 5 x LAN 10/100/1000 Mbps (RJ45) with PoE 1 x DC In 10-32 V (Cannon ITS) 1 x Console Port (DB9)
Power Consumption	Max 100W Max 40W (without PoE)
Transient power protection	Surge & burst on DC in
Case	Aluminium
Dimensions	220 x 320 x 44 mm (W x D x H)
Weight	3 kg
Certifications	Designed to meet IP40, MIL-STD-810 and MIL-STD-461
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude	4572 m (15000 ft)	Rapid decompression
Method 500.4, (procedure II,III)		12180 m (40000 ft)
Humidity	Five 48 h test cycles	-
Method 507.4		
Shock	40 G, 11 ms	122 cm (26 drops)*
Method 516.5, (procedure I, IV)	(Terminal-peak saw tooth shock pulse)	
Salt fog	-	Salt concentration of 5 % +-1 % (24 h wet +24 h dry/cycle)
Method 509.4, (Procedure I)		
Temperature	0 °C to 40 °C	-40 °C to 70 °C
Method 501.4 & Method 502.4, (procedure I, II)		
Temperature shock	0 °C to +40 °C	-
Method 503.4 (procedure I)		
Vibration		
Method 514.5		
- Category 2	-	✓
- Category 14	✓	-
- Category 20 a & b	✓	-

* Only with optional Peli Case

Designed to meet:

MIL-STD-461F	Limitation	Threshold
EMI radiated	10 kHz to 18 GHz	Navy Mobile & Army
Method RE102		
EMI radiated	2 MHz to 1 GHz	Army
Method RS103		
EMI conducted	10 kHz to 10 Mhz	Basic Curve
Method CE102		
EMI conducted	30Hz to 150 kHz	Curve #2
Method CS101		
EMI conducted	10 kHz to 200 MHz	Curve #4
Method CS114		
EMI conducted	Tested according to standard	Army
Method CS115		
EMI conducted	10 kHz to 100 MHz	Army
Method CS116		

