

19"/2® RS Switch MIL SSW211



One switch, many devices

The 19"/2 Switch MIL SSW211 lets you share serial devices, like radio or satellite modems, between multiple users. Each port can be configured with its own IP address and with support for all three of the most common RS protocols; this switch gives you the flexibility to connect almost any type of device.

The unit saves space with a form that's up to 75% smaller than standard units. But it's far from delicate. The switch was designed from the ground up to survive any environment. That toughness has been proven on the ground in combat operations in Afghanistan.

Guaranteed performance

Our products always come with lifetime support to ensure your equipment maintains peak performance for many missions to come.

19"/2[®] RS Switch MIL SSW211

Technical Specification

Description	RS Switch MIL is used to share serial devices in an IP network. Individual IP addressing to each serial port. Software switchable between RS232, RS422 and RS485.
Speed	10BaseT /100BaseTX
Duplex	Full duplex IEEE 802.3x flow control. Half duplex back pressure flow control
Interfaces (front)	6 x Serial (PT02SE-10-6S) 1 x LAN 10/100 Mbps (RJ45) 1 x DC in 10-32 V (ITS)
Power Consumption	10 W
Transient power protection	Surge & burst on DC in
Case	Aluminium
Dimensions	220 x 182 x 44 mm (W x D x H)
Weight	2,5 kg
Certifications	Designed to meet IP54, MIL-STD-810 and MIL-STD-461
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, (procedure II,III)	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, (procedure I, IV)	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, (Procedure I)	-	Salt concentration of 5% +-1% (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, (procedure I, II)	-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 (procedure I)	-40 °C to +55 °C (-40 °F to +131 °F)	-
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 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	30Hz 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

