



## Ethernet Switches Managed and unmanaged Fast and Gigabit Ethernet solutions with industry-leading SWAP-C

### PACKAGED SWITCHES

PRODUCT	MANAGEMENT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 304	Unmanaged	4 x 10/100	IP68	82.2 x 53 x 25.9 (inc connectors)	Power + LAN: SCE2-B-76A06-075N-001	130 g	-45C to +85C	MIL-STD-810F/G MIL-STD-461E	5VDC, 2W (Typical)
MILTECH 308	Unmanaged	8 x 10/100	IP68	82.2 x 64.1 x 25.9 (inc connectors)	Power + LAN: SCE2-B-76A06-075N-001	140 g	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E	5VDC, 2W (Typical)
MILTECH 610	Unmanaged	8 x 10/100	IP67	269 x 133 x 61	Power: 38999/24WA98PA • LAN: 38999/24WA35SN	1.5 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 2.8W (Typical)
MILTECH 904	Managed	4 x 10/100/1000	IP68	100 x 73.3 x 36	Power: SCE2-B-76A06-075N • LAN : SCE2-B-76A07-145N	370 g	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	16-36VDC, 8W (Typical)
MILTECH 907	Managed	5 x 10/100/1000		113 x 54 x 406 (not inc connectors)	Power + LAN, 3 Separate pins for RS232 management, LED Indication Per Port (Link/Activity)	250 g	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E	16-36VDC, 5W (Max.)
MILTECH 908	Managed	8 x 10/100/1000	IP67	286.4 x 157.5 x 51.6	Power: 3 8999/24WA98PA • LAN: 38999/24WA35SN	1.5 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 7W (Typical)
MILTECH 908M	Managed	8 x 10/100/1000	IP67	269 x 133 x 80	Power + LAN: MIL-D-38999 •	1.5 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 7W (Typical)
MILTECH 908MP	Managed	8 x 10/100/1000	IP67	210 x 136 x 44.4	Power: 38999/24WA98PA • LAN: 38999/24WF35PN	1.1 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 7W (Typical)
MILTECH 912	Managed	12 x 10/100/1000	IP67	178 x 136 x 47.1	Power: 38999/24WB35PN • LAN: 38999/24WF35PN	1.15 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	13-36VDC, 7W (Typical)
MILTECH 918	Managed	8 x 10/100/1000	IP67	100 x 89 x 36	Power: SCE2-B-76A06-075N • LAN: SCE2-B-76A07-145N-001	390 g	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	16-36VDC, 8W (Typical)
MILTECH 928	Managed	8 x 10/100/1000	IP67	287 x 147 x 50	Power: 38999/24WA98PA, • LAN: MIL-GRADE R45 - RJFTV series • RS232: SCE2-B-76A06-075N-001	1.1 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 7W (Typical)
MILTECH 948	Managed	8 x 10/100/1000 + 2 x 100/ or 1000BaseX	IP67	209 x 146 x 63	Power: 38999/24WB35PN • LAN: 38999/24WF35PN • Fiber: FS4H8000-6A13 (TFOCA-II)	1.1 Kg	-45C to +85C	MIL-STD-810F/G, MIL-STD-461E, MIL-STD-1275/704A	18-32VDC, 7W (Typical)



### BOARD-LEVEL SWITCHES

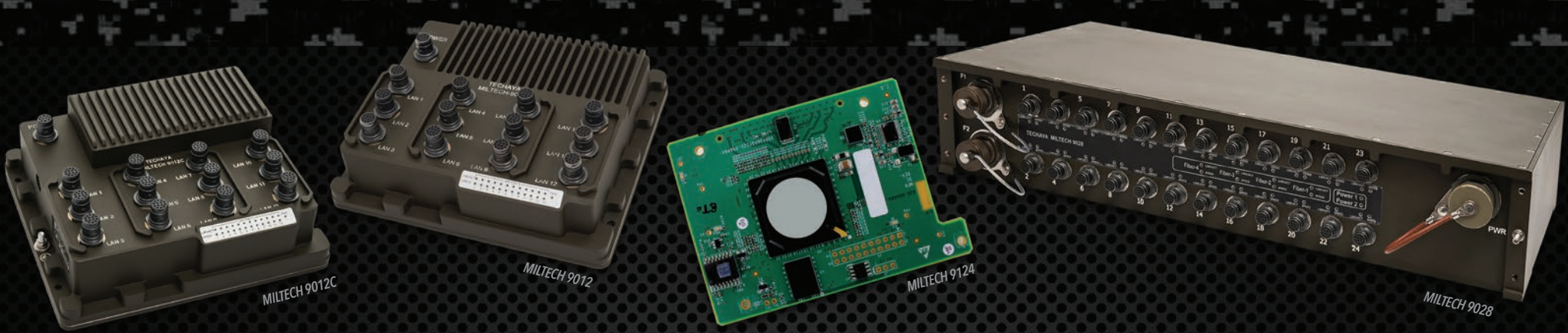
PRODUCT	MANAGEMENT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 309	Unmanaged	8 x 10/100	N/A	43.18 x 71 x 11.4	Power + LAN : Samtec Board-to-Board	40 g	-45C to +85C	MIL-STD 810F/GM, MIL-STD-461*	5VDC, 2W (Typical)
MILTECH 919	Managed	8 x 10/100/1000 • 1 x 1000BaseX	N/A	107 x 48 x 5	Power + LAN : Samtec Board-to-Board	52 g	-45C to +85C	MIL-STD 810F/GM, MIL-STD-461*	6-36VDC, 8W (Typical)
MILTECH 914	Managed	14 x 10/100/1000	N/A	125 x 95 x 20	LAN: Samtec + ERNI, Console: Molex, Power: Molex	52 g	-45C to +85C	MIL-STD 810F/GM, MIL-STD-461*	6-19DC, 14W (Typical)
MILTECH 9136	Managed	24 x 10/100/1000 • 8 x 1000BaseX • 4 x 10000 • Optional 16 x 1000Base X	N/A	87 x 87	TE P/N: 3-1827231-6 GPIO	250 g	-45C to +85C	MIL-STD 810F/GM, MIL-STD-461*	4-18 VDC, 15W (Typical)

\* When housed in appropriate enclosure



### POWER OVER ETHERNET SWITCHES

PRODUCT	MANAGEMENT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 610-POE	Managed	8 x 10/100TXPoE+	IP67	269 x 133 x 61	Power: 38999/24WA98PA • LAN: 38999/24WA35SN	1.5 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32 VDC • 6W (Typical)
MILTECH 910-POE	Managed	8 x 10/100	IP67	269 x 133 x 71	Power: 38999/24WC04PN • LAN: TV07RW9-9SS25 • RS232: TV07RW9-9SS25	1.2 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32 VDC • 7W (Typical)
MILTECH 402	Unmanaged	2 x PoE, 10/100 (Fast Ethernet) 1 x 10/100 (Fast Ethernet) + 5V/1.5A Power • 2 x 10/100 (Fast Ethernet) + 10V -16.8V/5A (Vbat) Power		100 x 94.2 x 34.1	Power: SCE2-B-76A-10ASN • LAN/PoE: SCE2-B-76A06-075N • PAN1: SCE2-B-76A06-075N • PAN2,3: SCE2-B-76A-145N	2.8 Kg	-40C to +85C	MIL-STD-810F/G/GM • MIL-STD-461E	10-16.8 VDC • 140W (Max)



## Routers LAN and WAN connectivity in a single device with L2/L3 network switching and routing capabilities.

PRODUCT	MANAGEMENT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 9012	Managed	12 x 10/100/1000	IP67	166.4 x 144 x 56	Power: SCE2-B-76A07-10ASN • LAN: SCE2-B-76A07-14SN	1.1 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-72VDC • 13W (Typical)
MILTECH 9012C	Managed	12 x 10/100/1000 1 Linux single board computer	IP67	166 x 144 x 68	Power: SCE2-B-76A07-10ASN • LAN: SCE2-B-76A07-14SN	1.2 Kg	-45C to +85C	MIL-STD-810F GM • MIL-STD-461E • MIL-STD-1275B/704A	18-72VDC • 25W (Typical)
MILTECH 9124	Managed	24 x 10/100/1000	IP67	90 x 65 x 5	SAMTEC ERM8-50-09.0-L-DV	52 g	-45C to +85C	MIL-STD 810F/G • MIL-STD-461*	3.3VDC • 25W (Typical)
MILTECH 9128	Managed	24 x 10/100/1000 + 4 x 10GE	IP67	90 x 90 x 5	SAMTEC ERM8-50-09.0-L-DV	52 g	-45C to +85C	MIL-STD 810F/G • MIL-STD-461*	3.3VDC • 25W (Typical)
MILTECH 9022	Managed	12 x 10/100/1000	IP67	440 x 370 x 44	D38949/24WC04PN • LAN: SCE2-B-76A07-14SN	3.1Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32VDC • 20W (Typical) or 230VAC
MILTECH 9028	Managed	24 x 10/100/1000 + 4 x 10GE	IP67	483 x 2840 x 88.6	Power: MIL-D-3899924WC04PN • LAN: SCE2-B-76A07-14SN	5.5 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32VDC • 20W (Typical)

\*When housed in appropriate enclosure



## Media Converters Extend the distance of an existing network, the life of non-fiber-based equipment or the distance between two devices.

PRODUCT	MANAGEMENT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 948	Managed	6 x 10/100/1000 + 2 x 1000BaseX	IP67	209 x 146 x 63	Power: 38999/24WB35PN • LAN: 38999/24WF35PN • Fiber: FS4H8000-6A13 (TFOCA-II)	1.1 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32VDC • 7W (Typical)
MILTECH 1000		Up to 2 x 10/100/1000BaseTX • Up to 2 x 100/1000 BaseFX	IP67	170 x 151 x 61	Power: 38999-24WA98PA • LAN: 38999-24WB35SN	1.5 Kg	-45C to +85C	MIL-STD-810F/G • MIL-STD-461E • MIL-STD-1275/704A	18-32VDC • 2.8W (Typical)



## USB Solutions LAN, USB and serial communication in lightweight, ultra-compact form factors.

PRODUCT	PORTS	INGRESS	DIMS (LxWxH) IN MM	CONNECTORS	WEIGHT	OPERATING TEMP	MIL-STD	POWER
MILTECH 300 HoB	1 x USB3.1/USB2 upstream • 5 x USB3.1/USB2 downstream • 1 x 10/100/1000BT via USB to LAN Bridge • 1 x IO for I2C/SPI/GPIO/External Power Input	N/A	73 x 38 x 11	2 x Samtec QTE-028-01-L-D-DP-A-K	24.2 g	-40C to +85C	N/A	5VDC (USB) input • Upstream USB Port # 1, or 12-28VDC external power source for high power applications • Output 5VDC Aggregated up to 15A, up to 2A per port
MILTECH 303	1 x USB3.1/USB2 upstream • 5 x USB3.1/USB2 downstream • 1 x 10/100/1000BT via USB to LAN Bridge • 1 x IO port for I2C/SPI/GPIO/ External Power Input • Per port LEDs indication	IP68	89.8 x 70.2 x 21.2 (not inc dust caps)	ODU AMC-HD Series Upstream port 12 pins connector • ODU AMC-HD Series Downstream ports 12 pins connector	140 g (inc dust caps)	-40C to +85C	MIL-STD-810F/G/ • MIL-STD-461E	5VDC (USB) input • Upstream USB Port # 1, or 12-28VDC external power source for high power applications • Output 5VDC Aggregated up to 15A
MILTECH 306	1 + 7 USB	IP68	82.2 x 64.1 x 26 (not inc dust caps)	SCE2-B-76A06-075SN-001	140 g	-45C to +85C	MIL-STD-810F/G/ • MIL-STD-461E	5VDC via USB • 2W (Typical up to 16.25W w/ Aux Power)
MILTECH 406	6 x 10/100 • Up to 7 x USB 2.0 • 1 x Serial S232 to USB • 1 X Smart battery SOC to USB • 1 External power source input	IP68	97 x 77.8 x 25 (inc connectors)	SCE2-B-76A07-14SN	150 g	-45C to +85C	MIL-STD-810F/G/ • MIL-STD-461E	5VDC • 2.5W (Typical)
MILTECH 16SER	8 x RS232 interfaces over USB + 8 x RS485/422 interfaces over USB • 2 X USB2 Expansion ports	IP68	100 x 88.9 x 40 (inc connectors)	Power + J1 - J8: SCE2 + Uplink: SCE2	390 g	-45C to +80C	MIL-STD-810F/G/ • MIL-STD-461E	24VDC (16-36V) • 4W (Typical up to 16.25W w/ Aux Power)
MILTECH 8P	Power connector + 8 USB 2.0 ports	IP51	114 x 95 x 36.5	Power: D38999/24WA98PA • USB: UJ2-ADH-1-TH	300 g	-45C to +80C	MIL-STD-810 • MIL-STD-461	80W maximum at full load • Charging: 2A/5V per port

## Evaluation boards and accessories

Techaya makes it easier to speed up lab testing and development of systems around our board-level switches. Adapter/evaluation carrier boards are available that provide RJ45 or SPF connections for each port on the card. Power and network management cables are available for purchase with every Techaya product. Please check our web site for appropriate accessories for each product.

For additional information and complete specifications, please see our web site at [militaryethernet.com](http://militaryethernet.com) or contact your local MilSource representative.