



The Future Of Technology • Today.

Copper Systems



CAT 6A Solutions

Introduction



Vericom® Copper Systems

Vericom's Copper Systems are designed to provide the highest level of performance possible at the best value. For your convenience, we offer two separate alternatives to suit your specific application.

VGS™ (Vericom Global Solutions)

Our full project solutions line, designed with the future of your business in mind. This line has been tested and certified to meet or exceed the most current industry standards and is guaranteed to stand the test of time.

VGC™ (Vericom Global Commodity)

Our global commodity line provides an economical price savvy solution, designed, tested and certified to suit current light commercial or residential applications.

Category 6A Solutions

Our Category 6A Solutions support 10GBASE-T Ethernet up to 100 meters per the standard, 1000BASE-T (Gigabit Ethernet), 100BASE-T (Fast Ethernet), 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM, CDDI, ATM, Token Ring, Digital video and broadband/baseband analog video, Voice over Internet Protocol (VoIP). Category 6A is backwards compatible with CAT6 and Category 5e systems as well as IEEE 802.3af/802.3at and 802.3bt Type 3 and Type 4 for PoE applications.

Our line of Category 6A Solutions includes: Bulk Wire, Cable Assemblies, Patch Panels, Keystone Jacks, and Copper Cabling Accessories.

For more complete, detailed specifications and information on an individual product please request a specification sheet from a Vericom representative or visit our website at vericomsolutions.com.

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Brand Values & Philosophy

We strive every day to make Vericom the world's most desirable network infrastructure and connectivity solutions provider to work for and partner with. Our desire to be the best in our field by offering quality products with integrity is a driving force to provide our customers with product offerings that remain relevant throughout the ever-changing data technologies and communications community.

We offer "The Future Of Technology- Today."



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Our Customer Support Team is available during our normal business hours:

Monday - Friday: 8:00 a.m. - 8:00 pm EST

Contact us with any questions you may have regarding our products or services at:

Phone 865-671-4455

Email: sales@vericomsolutions.com

CAT 6A Solutions

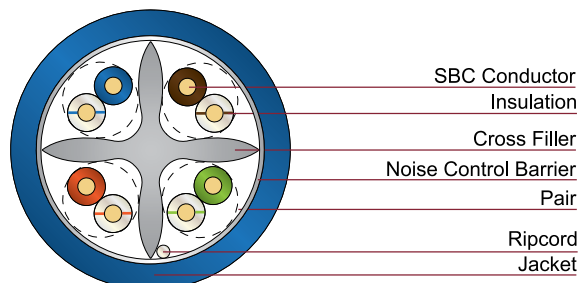
Bulk Cable



VGS6A™ Category 6A U/UTP, LP Rated Ethernet Cable, Unshielded Plenum

Vericom VGS6A™ Category 6A U/UTP, LP Rated cable supports the most demanding current and future high-end environments such as data centers, server farms, digital and analog voice, high resolution video and data streaming and other demanding bandwidth intensive applications that require a class EA solution with Power over Ethernet (POE+) capabilities.

This LP Rated cable is offered in plenum and is designed to meet and exceed ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA electrical performance requirements for frequencies up to 500 MHz to ensure interoperability with all standards compliant connectivity. This 1000 ft pull box of cable is constructed with 23 AWG solid conductors in a four pair configuration, separated with an integral cross filler, and surrounded by a non-continuous foil inside the jacket to improve alien crosstalk performance.



Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- IEC 61156-5
- RoHS Compliant
- IEEE 802.3bt PoE Type 1 (15.4 Watts) formerly 802.3af, Type 2 (30 Watts) formerly 802.3at Type 3 (60 Watts), Type 4 (90 Watts)
- EN 50173-1 Class EA
- EN50399
- NFPA 262 (Plenum)
- UL 444 LP-Rating 0.6A for PoE

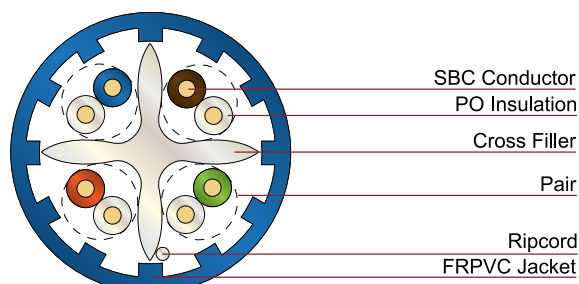
Ordering Information

Rating	Item Number
CMP	SP6613P- XX 1000FB
Specify color by substituting XX in Item # for the following:	
BK = Black	BL = Blue
GN = Green	GY = Gray
WH = White	
Item Example: SP6613P-BL1000FB (VGS6A™ Category 6A UTP LP Rated Ethernet, Unshielded Plenum, Blue.)	

VGC™ Category 6A U/UTP, Ethernet Cable, Unshielded Riser

Vericom VGC™ Category 6A U/UTP cable supports the most demanding current and future high-end environments such as data centers, server farms, digital and analog voice, high resolution video and data streaming and other demanding bandwidth intensive applications that require a class EA solution with Power over Ethernet (POE+) capabilities.

This Category 6A CMR Cable is rated for non-plenum spaces, and is designed to meet and exceed ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA electrical performance requirements for frequencies up to 500 MHz to ensure interoperability with all standards compliant connectivity. This 1000 ft spool of cable is constructed with 23AWG solid conductors in a four pair configuration, separated with an integral cross filler to reduce crosstalk to provide maximum system performance.



Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- UL 1666 (Riser)
- CSA 22.3 No. 214 (Riser)
- RoHS Compliant
- EN 50173-1 Class EA
- IEC 61156-5
- UL 444
- IEEE 802.3bt

Ordering Information

Rating	Blue	White
CMR	MBW6A-04378	MBW6A-04379

CAT6A Solutions

Keystone Jacks & Patch Panels



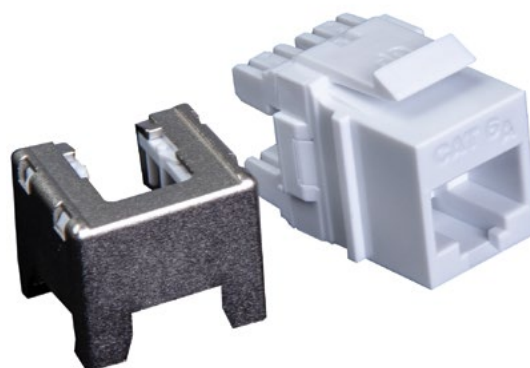
VGS6A™ Category 6A RJ45 Keystone Jacks

Vericom VGS6A™ Category 6A UTP RJ45 Keystone Jacks support 10GBASE-T, 1000BASE-T (Gigabit Ethernet), 100BASE-T (Fast Ethernet), 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM, Digital video and broadband/baseband analog video, Voice over Internet Protocol (VoIP) and are backwards compatible with Category 5e systems. Compatible with IEEE 802.3af/802.3at (48 cables in a bundle) and 802.3bt type 3 and type 4 (24 cables in a bundle) PoE applications.

These Category 6A UTP RJ45 Keystone Jacks meet and exceed ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E electrical performance requirements for frequencies up to 500 MHz. These keystone jacks manage crosstalk, provide superior performance with headroom for even the toughest installs, and are EC verified (2020-828) to perform with a standard RJ-45 interface. For quick and easy termination, pair our VGS™ One Step Termination Tool, or VGC™ Deluxe 66/110 Type Punch Down Tool.

Standards & Compliances

- UL Listed
- IEC 61156-5
- ANSI/TIA-1096-A (formerly FCC Part 68)
- Supports IEEE 802.3AF/802.3AT (48 cables in a bundle) and 802.3bt type 3 and type 4 (24 cables in a bundle) PoE applications)
- ISO/IEC 11801
- TIA/EIA-568.2-D
- UL 1863 and CAN/CSA-C22.2
- RoHS Compliant



Ordering Information

Item Number

MPG6618XX

Specify color by substituting **XX** in Item # for the following:

BK = Black	BL = Blue	GN = Green	GY = Gray	IV = Ivory
OR = Orange	PU = Purple	RE = Red	WH = White	YE = Yellow

Item Example: MPG6618BL (VGS6A™ Category 6A UTP RJ45 Keystone Jack, Blue.)

VGS6A™ Patch Panels

Vericom VGS6A™ patch panels mount to all standard 19" racks, cabinets, and wall mount brackets, and are available in 24 Port (1 RU) and 48 Port (2 RU) (rack unit) configuration

These patch panels are available in two options to suit your specific data connectivity needs.

VGS6A™ CAT6A Unshielded Patch Panels:

These VGS6A™ Patch Panels provide superior performance for data centers and other high-bandwidth intensive environments requiring a 10G Base-T standard and PoE compatability. These panels feature a standard RJ-45 interface, contacts with minimum 50 microinches of gold, a standard 110 punchdown for terminating horizontal cable, universal labeling for T668A and T568B wiring, and a removable cable support bar. These patch panels are capable of supporting PoE/PoE+ over 100 meter channels with 10 meters of 24 AWG patch cables included in the channel.

VGS™ Universal Modular Patch Panels:

These VGS™ Modular Patch Panels provide an interface between the horizontal cable and active electronics like switches in the telco room. These patch panels accept standard keystone modules including but not limited to Cat 5e, 6, 6A modules, HDMI, fiber optics, RCA modules, coax connectors, and more.

Ordering Information



VGS6A™ CAT6A Unshielded Patch Panels

Item Number	Number of Ports	Rack Unit Quantity
UPP66WL24	24	1 RU
UPP66WL48	48	2 RU



VGS™ Universal Modular Patch Panels - Unloaded

Item Number	Number of Ports	Rack Unit Quantity
UPP6001-24	24	1 RU
UPP6001-48	48	2 RU

VGS6A™ Category 6A Patch Cables

Vericom VGS6A™ Category 6A U/UTP patch cables support the most demanding current and future high-end environments such as data centers, server farms, digital and analog voice, high resolution video and data streaming and other demanding bandwidth intensive applications that require a class EA solution with Power over Ethernet (POE+) capabilities.

These patch cables support 10GBASE-T, 1000BASE-T (Gigabit Ethernet), 100BASE-T (Fast Ethernet), 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM, Digital video and broadband /baseband analog video, Voice over Internet Protocol (VoIP) and is backwards compatible with Category 5e systems. Compatible with IEEE 802.3af/802.3at (48 cables in a bundle) and 802.3bt type 3 and type 4 (24 cables in a bundle) PoE applications. These cables feature a modern snagless clear boot that protects the staggered RJ-45 plug design with 50 microinches of gold plating for maximum system reliability.

We offer two variations of Category 6A Patch Cables to suit your specific needs:

VGS6A™ Category 6A UTP Patch Cables:

These cables utilize 24 AWG stranded conductors in a four pair unshielded configuration for maximum durability. VGS6A Patch Cables are rated CM and meet applications up to 10 Gigabit Ethernet up to 100 meter channels and supports PoE/PoE+ over 100 meter channels with 10 meters of 24 AWG patch cables included in the channel. The boot design is shortened to allow easier handling from patch panel to horizontal cable managers.

28Flex™ Category 6A UTP Patch Cables:

These cables utilize 28 AWG stranded conductors in a four pair unshielded configuration for maximum durability and flexibility. 28Flex™ Patch Cables are rated CM, and meet applications up to 10 Gigabit Ethernet. This patch cable supports PoE/PoE+ over 92.5 meter channels with 10 meters of 28 AWG patch cables included in the channel, and supports PoE/PoE+ over 96 meter channels with 6 meters of 28 AWG patch cables included in the channel. The smaller diameter cable design reduces bundle sizes to improve airflow in high density applications to reduce cooling costs and potentially extend the life of active electronics

Standards & Compliances

- TIA/EIA-568.2-D
- UL 1863 and CAN/CSA-C22.2
- ISO/IEC 11801
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 61156-5
- RoHS Compliant
- Supports IEEE 802.3AF/802.3AT (48 cables in a bundle) and 802.3bt type 3 and type 4 (24 cables in a bundle) PoE applications)



*Pictured: 28Flex™ Category 6A UTP Patch Cable

Ordering Information

Description
VGS6A™ Category 6A Unshielded Stranded Patch Cable, 24 AWG, Clear Boot
Item Number
RC6600 XXF - MY
Specify cable length by substituting XX in Item # for the following:
01 = 1 ft 03 = 3 ft 05 = 5 ft 06 = 6 ft 07 = 7 ft
10 = 10 ft 15 = 15 ft 20 = 20 ft 25 = 25 ft 30 = 30 ft
Specify jacket color by substituting YY in Item # for the following:
BK = Black BL = Blue GY = Gray WH = White
Item Example: RC660010F-MBL (VGS6A™ Category 6A Unshielded Stranded Patch Cable, 24 AWG, Clear Boot 10 ft, Blue.)
Description
28Flex™ Category 6A Unshielded Stranded Patch Cable, 28 AWG, Clear Boot
Item Number
RC6620 XXF - MY
Specify cable length by substituting XX in Item # for the following:
.5 = 0.5 ft 01 = 1 ft 02 = 2 ft 03 = 3 ft 04 = 4 ft
05 = 5 ft 06 = 6 ft 07 = 07 ft 10 = 10 ft 14 = 14 ft
15 = 15 ft 20 = 20 ft
Specify jacket color by substituting YY in Item # for the following:
BK = Black BL = Blue GN = Green GY = Gray OR = Orange
PK = Pink PU = Purple RE = Red WH = White YE = Yellow
Item Example: RC662010F-MBL (28Flex™ Category 6A Unshielded Stranded Patch Cable, 28 AWG, Clear Boot, 10 ft, Blue.)

VGS™ One Step Termination Tool



The ideal solution for terminating our VGS6A™ CAT6A Keystone Jacks, the VGS™ One Step Termination Tool saves time and improves accuracy by seating and terminating all wires simultaneously with a quick, easy squeeze of the handle. The integrated blade cuts and removes excess wire after seated in the connector, eliminating any need for extra trim steps. Built for simple one-handed operation, with an ergonomically designed handle for maximum grip and comfort, this termination tool minimizes hand fatigue and helps reduce installation stress.

Item Number: NT1001

VGC™ Deluxe 66 / 110 Punch Down Tool:

This deluxe 66/110 type punch down tool enables you to terminate and trim cables effortlessly, to quickly and easily terminate our VGS6A™ CAT6A Patch Panels and Keystone Jacks. Impact absorbing grip reduces operator stress for installers with a high volume of terminations. Adjustable High/Low actuation setting accommodates their operator's preference.

VGC™ CAT6A Ratcheting Modular Plug Crimping Tool:

Designed specifically for our CAT6a shielded modular plugs, this heavy duty ratcheting modular crimping tool is the perfect solution when working with high performance, larger OD cables that are tougher to terminate due to larger wire gauges, thicker, harder insulation on the conductors, and pair-separating splines. With a ratcheting mechanism that provides a consistent and complete crimp cycle, and high-leverage, ultra stable consistent, repeatable terminations, this is the ideal tool for the professional installer.

VGC™ Modular Plug Crimping Tool:

Ideal for use with our CAT6A unshielded modular plugs, this heavy-duty modular crimping tool is the perfect solution when working with high performance, larger OD cables that are tougher to terminate due to larger wire gauges, thicker, harder insulation on the conductors, and pair-separating splines. This modular crimping tool was designed for the professional installer providing a high-leverage, ultra stable platform for consistent, repeatable terminations.

VGC™ Termination Tools

Deluxe 66 / 110 Punch Down Tool

Item Number: WTPDT-03633



CAT6A Ratcheting Modular Plug Crimping Tool

Item Number: WTRJC-05008



Modular Plug Crimping Tool

Item Number: WTRJC-03632



VGC™ CAT6A Connectors & Couplers



CAT6A RJ45
Shielded Connectors

Item Number: WRJ45-04468



CAT6A RJ45
Unshielded Connectors

Item Number: WRJ45-04469



CAT6A RJ45 Outdoor
Shielded Waterproof
Coupler - Long

Item Number: MCP6S-12448



CAT6A RJ45 Outdoor
Shielded Waterproof
Coupler - Short

Item Number: MCP6S-12447

VGS™ Keystone Single Gang Faceplate with Labels



1 Port

Item No: FP2WH1VL



2 Port

Item No: FP2WH2VL



3 Port

Item No: FP2WH3VL



4 Port

Item No: FP2WH4VL



6 Port

Item No: FP2WH6VL

Vericom VGS™ standard keystone faceplates with labels are available in 1, 2, 3, 4, or 6 port, and are ideal for use with any standard keystone module to create an individualized plug and play multimedia experience. These faceplates are constructed of impact resistant, fire-retardant UL94V-0 rated plastic. These flush mount, white faceplates come complete with mounting screws, write-on label and plastic label cover.

VGC™ Keystone Single Gang Faceplates



1 Port



2 Port



3 Port



4 Port



6 Port

Our standard keystone faceplates are constructed of impact resistant, fire-retardant UL94V-0 rated plastic and are available in 1, 2, 3, 4, or 6 port, in white, ivory or light almond. These flush mount faceplates come complete with mounting screws.

Color	1 Port	2 Port	3 Port	4 Port	6 Port
White	XFPOP-00470	XFPOP-00471	XFPOP-00472	XFPOP-03418	XFPOP-03421
Light Almond	XFPOP-01452	XFPOP-01453	XFPOP-01454	XFPOP-03420	XFPOP-03423
Ivory	XFPOP-03588	XFPOP-03589	XFPOP-03590	XFPOP-03422	XFPOP-03588

VGC™ Keystone Specialty Inserts



HDMI Keystone Insert
(Sold Individually)



Blank Keystone Insert
(Available in 10 Pk in White or Ivory)



F-81 Keystone Insert
(Sold Individually)



Blank Hex Keystone Insert
(Available in 10 Pk in White or Ivory)

We offer multiple styles of snap-in keystone inserts to suit your installation needs. These inserts snap-in to any standard keystone port to provide a quick and cost effective way to create an in wall HDMI connection, F-81 connection or to finish off an unused keystone outlet.

VGC™ Specialty Keystone Inserts

Type	Qty	Black	Ivory	White
HDMI Keystone Insert	Single	N/A	N/A	XHDAC-01424
Blank Keystone Insert	10 Pack	XFPTP-12479	XFPTP-03609	XFPTP-00504
F-81 Keystone Insert	Single	N/A	MKJ81-03435	MKJ81-03434
Blank Hex Keystone Insert	10 Pack	N/A	N/A	XFPAK-01432

Cable Routing & Management Solutions

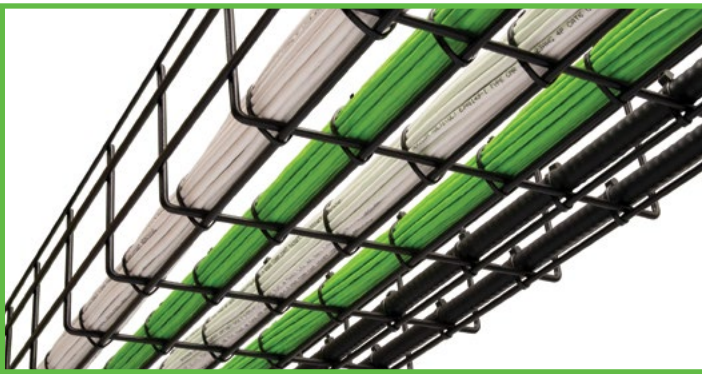
Ladder Rack



The VLR Series Cable Ladder Rack System mounts to the top of cabinets and open frame racks to provide overhead cable routing between aisles or across an open span. With a wide variety of accessories for mounting and connecting ladder sections, Vericom offers a complete and configurable solution that will keep your cable bundles organized and protected.

For more information, please visit our [website](#).

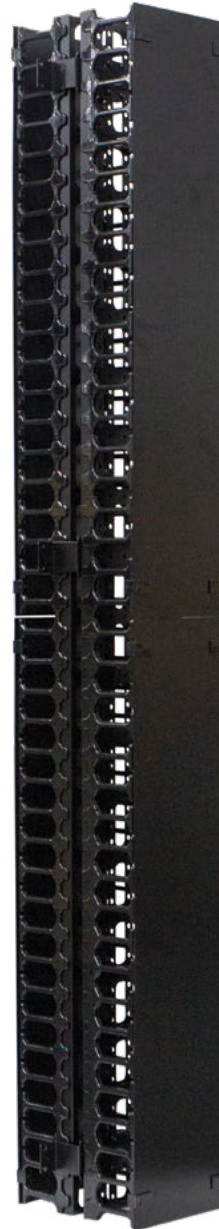
Wire Basket Tray



Vericom's Wire Basket Tray System is a highly configurable and adaptable cable runway solution designed to meet the needs of a variety of applications, from short cable runs in a data closet to high-density data center installations. Featuring a rigid construction and a corrosion resistant powder coated finish, our trays offer the strength and durability to protect valuable network communications cabling, simplify system extensions, and reduce the cost of maintenance.

For additional information on our extensive portfolio of available tray sizes, splicing accessories, and support structures, please visit our [website](#).

Cable Management



RAMVFXD



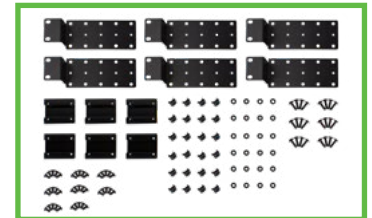
Detail 1



Detail 2



Detail 3



Detail 4



RAMPFD1

Vericom offers a wide variety of horizontal and vertical cable management solutions to help you protect and organize cables, reduce maintenance costs, improve airflow, and keep your equipment running efficiently.

For more information, please visit our [website](#).

Wall Mount Solutions

Vericom Wall Mount Solutions securely mount communications cabling, networking gear, and related accessories to a wall when floor space is at a premium. Designed for a variety of AV, IT, telecom, datacom, network, and security applications, they are the perfect choice for small work areas where a full server rack or cabinet isn't feasible or warranted. Our portfolio of solutions includes flat-packed, light duty cabinets, fully welded cabinets for high density installations that support up to 350 lbs., and open-frame wall mount racks and brackets for specialty installations.

For more details and available size options, visit our [website](#).

Featured Wall Mount Solutions



VW4 Series High Density Swing Out Wall Mount Cabinets

Built for heavy duty, large-scale applications, this cabinet has a fully welded 14 gauge steel frame that supports up to 350 lbs. of networking equipment. Features include a 90-degree swing-out hinge for easy access to cables and connections, heavy duty hinges and latches, and six knockouts in the top and bottom of the rear section for cable management flexibility. Available in two depths and four heights.



VW5 Series Wall Mount Racks

Vericom's Wall Mount Racks are a cost-effective solution for storing rackmount IT equipment in environments that don't require a lockable cabinet. The open frame design provides easy access to equipment with 18" of equipment depth and standard 19" mounting rails. This rack features 10-32 tapped holes with printed RU markings, and 16" keyhole spacing for mounting to a wall. Available in three heights. 8U and 15U offer a weight capacity of 150 lbs. 30U option holds up to 125 lbs.



VB2 Series Vertical Wall Mount Bracket

This Vertical Wall Mount Bracket allows servers and other networking equipment to mount vertically and flush to a wall, perfect for environments with limited space. Featuring a 75 lb. weight capacity, universal cage hole mounting and an opening in the rear panel for in-wall cable access, this bracket has the versatility to support a wide variety of equipment.

Floor Standing Solutions

Network & Server Cabinets



Vericom's VC5 Series Network and Server Cabinets provide an integrated, customizable solution for data center buildouts, network rooms, or IT closets. The feature-rich, robust design can be custom-configured with Vericom accessories pre-installed, speeding deployment and reducing on-site waste. Available as an open frame or complete enclosure in over 20 size combinations, with six door options and two colors to choose from, the VC5 platform offers the flexibility and versatility to meet the demands of a wide range of installation environments.

For additional information and a complete list of available options, please visit our [website](#).

Open Frame Racks

Vericom Open Frame Racks are a great solution for applications that don't require physical security or airflow control. The open design provides unobstructed airflow to keep equipment running cool, as well as fast and easy access to equipment when maintenance is required. Supporting up to 1,000 lbs. of equipment, Vericom racks provide a strong, stable, and durable structure made from high-quality aluminum and steel.



For additional information and available options, please visit our [website](#).

SOHO Cabinets



Designed for distributed networks and edge installations, Vericom SOHO cabinets are the perfect option for mounting and securing valuable IT equipment in remote locations where space is limited. Fully assembled and ready to deploy, they include all the features of a full-size server cabinet, conveniently sized to fit under or on top of a desk or counter.

For additional information and available size options, please visit our [website](#).



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info@vericomsolutions.com • vericomsolutions.com