Copper Systems

CAT 6 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 6 Solutions

Our VGS6™ Category 6 Cable supports 10GBASE-T Ethernet based on limited distances per the standard, 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). Category 6 is backwards compatible with Category 5e systems as well as 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.

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

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."

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.

Contents

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*

VGS6™ Category 6 U/UTP Ethernet Cable

Vericom VGS6™ Category 6 U/UTP Ethernet 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 E solution with Power over Ethernet (POE+) capabilities.

We offer two variations of VGS6™ Category 6 U/UTP Ethernet Cable to suit your specific requirements:

VGS6™ Category 6 U/UTP LP-Certified Plenum Cable

Vericom VGS6™ Category 6 Plenum Cable is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250MHz. The 1000ft Reelex™ pull box 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. The conductor insulation and filler is FEP material with a PVC jacket. This Category 6 Cable is rated for plenum spaces and UL LP Listed for PoE applications.

Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- UL 444 LP-Rating 0.6A for PoE
- EN 50173-1 Class E
- 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 (100 Watts)

VGS6™ Category 6 U/UTP Indoor / Outdoor Riser Cable

Vericom VGS6™ Category 6 Indoor / Outdoor Riser Cable is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz to ensure interoperability with all standards compliant connectivity. This 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. The indoor / outdoor cable jacket is UV Resistant and is cold bend impact tested at -40º C per UL 444.

Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- UL 444 Cold Impact Test Under -40º C
- GR-3164 Severe Cold Impact
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL 1666 *(Riser)*
- UL 2556 (CMX)
- UL 444 Sunlight Resistant
- RoHS Compliant
- IEEE 802.3af/802.3at and 802.3bt, Type 3 and Type 4 PoE Applications

Ordering Information
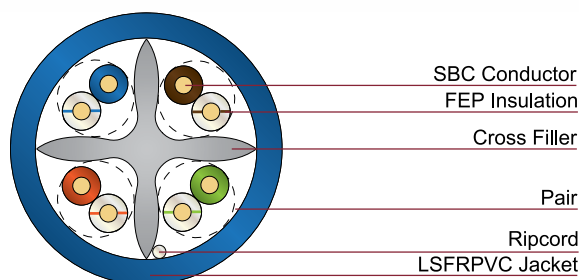
VGS6™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMP LP-Certified

Item Number	Rating
SP6013P-**XX**1000FB	CMP (Plenum)

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

BK = Black	BL = Blue	GY= Gray	GN = Green	WH = White	YE = Yellow

Item Example: SP6013P-BL1000FBL (VGS6™ Category 6 UTP Plenum, 1,000 ft, Blue.)
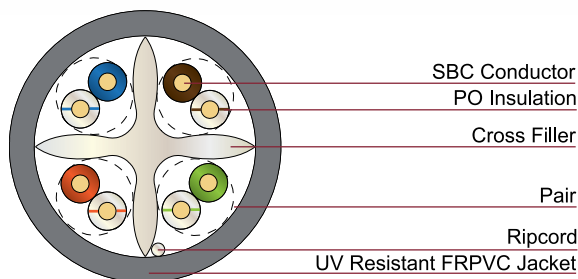
VGS6™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMR w/ CMX

Gray	Ivory	White
ARX6U-04566	ARX6U-04565	ARX6U-04564

VGS6E™ Category 6 U/UTP Ethernet Cable

Constructed without the cross filler, Vericom VGS6E™ Category 6 U/UTP Ethernet Cable offers a smaller diameter cable design to reduce bundle sizes and improve airflow in high density applications, reducing required pathway spaces and accommodating for a smaller bend radius. VGS6E™ 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 E solution with Power over Ethernet (POE+) capabilities.

We offer two variations of VGS6E™ Category 6 U/UTP Ethernet Cable to suit your specific requirements:

VGS6E™ Category 6 U/UTP No-Spline Plenum Cable

Vericom VGS6E™ Category 6 Plenum Cable is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. The 1000ft Reelex™ pull box of cable is constructed with 23AWG solid conductors in a four pair configuration, without a cross filler for faster, more efficient cable termination. The conductor insulation is FEP material with a PVC jacket. VGS6E™ Category 6 CMP Cable has a nominal cable diameter of 0.20" (5.1mm), is rated for plenum spaces and suitable for PoE applications

Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- EN 50173-1 Class EA
- RoHS Compliant
- Supports IEEE 802.3af/802.3at
- IEC 61156-5
- ETL Verified
- UL 444

VGS6E™ Category 6 U/UTP No-Spline Riser Cable

Vericom VGS6E™ Category 6 Riser Cable is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. The 1000ft Reelex™ pull box of cable is constructed with 23AWG solid conductors in a four pair configuration, without a cross filler for faster, more efficient cable termination. The conductor insulation is HDPE material with a PVC jacket. VGS6E™ Category 6 CMR Cable has a nominal cable diameter of 0.22" (5.5mm), is rated for non-plenum spaces and suitable for PoE applications.

Standards & Compliances

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- EN 50173-1 Class EA
- RoHS Compliant
- Supports IEEE 802.3af/802.3at
- IEC 61156-5
- UL1666 (CMR)
- UL 444

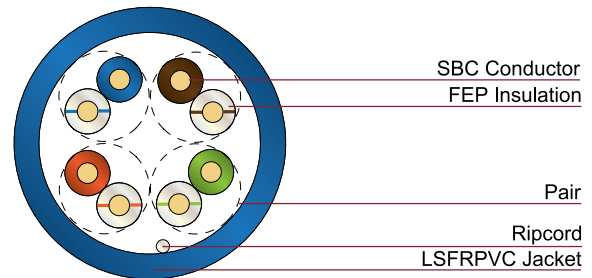## Ordering Information

SBC Conductor
FEP Insulation
Pair
Ripcord
LSFRPVC Jacket

VGS6E™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMP

Item Number	Rating
EP6013P-**XX**1000FB	CMP (Plenum)
Specify jacket color by substituting **XX** in Item # for the following:	

BK = Black	BL = Blue	GY = Gray	WH = White	YE = Yellow

Item Example: EP6013P-BL1000FBL (VGS6E™ Category 6 UTP No-Spline Plenum, 1,000 ft, Blue.)

Soft Annealed Copper Conductor
HDPE Insulation
Pair
Ripcord
PVC Jacket
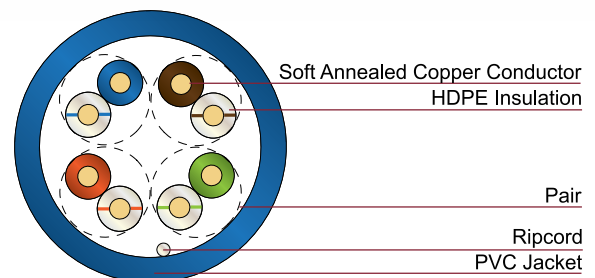
VGS6E™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMR

Item Number	Rating
EP6013R-**XX**1000FB	CMR (Riser)
Specify jacket color by substituting **XX** in Item # for the following:	

BL = Blue	WH = White

VGC™ Category 6 U/UTP Ethernet Cable

Vericom VGC™ Category 6 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 E solution with Power over Ethernet (POE+) capabilities.

We offer three variations of VGC™ Category 6 U/UTP Ethernet Cable to suit your specific requirements:

VGC™ Category 6 U/UTP Plenum Cable

This Category 6 Cable is applicable to plenum spaces, and is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz to ensure interoperability with all standards compliant connectivity. The 1000ft pull box of cable (Reelex™ available but must be specified) 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 444
- Supports IEEE 802.3af/802.3at
- EU Directive 2011/65/EC
- EU Directive 2006/95/EC
- EN 50173-1 Class E
- IEC 61156-5
- NFPA 262
- CSA 22.2 No. 214
- RoHS Compliant

VGC™ Category 6 U/UTP Riser Cable

This Category 6 Cable is applicable to non-plenum areas where cable is run between floors, and is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz to ensure interoperability with all standards compliant connectivity. This 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
- Supports IEEE 802.3af/802.3at
- EN 50173-1 Class E
- IEC 61156-5
- UL 444
- RoHS Compliant

Ordering Information

SBC Conductor
PO Insulation
Cross Filler
Pair
Ripcord
FRPVC Jacket
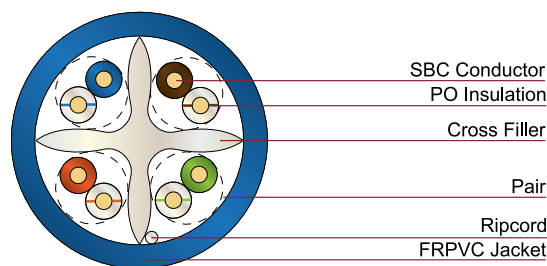
VGC™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMP

Blue	White
MBW6U-02402	MBW6U-02403

SBC Conductor
FEP Insulation
Cross Filler
Pair
Ripcord
LSFRPVC Jacket
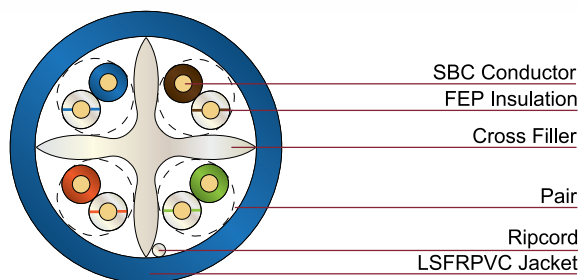
VGC™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMR

Black	Blue	Gray	Green
MBW6U-03667	MBW6U-00934	MBW6U-01623	MBW6U-03628
Orange	Red	White	Yellow
MBW6U-04702	MBW6U-04481	MBW6U-01444	MBW6U-01445

VGC™ Category 6 U/UTP Ethernet Cable

VGC™ Category 6 U/UTP CMX Indoor / Outdoor Cable

This Category 6 Cable is applicable to indoor / outdoor spaces, and is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz to ensure interoperability with all standards compliant connectivity. This 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 444
- RoHS Compliant
- IEC 61156-5
- Supports IEEE 802.3af/802.3at

Ordering Information

Annealed BC Conductor
HDPE Insulation
Cross Filler
Pair
Ripcord
PVC Jacket
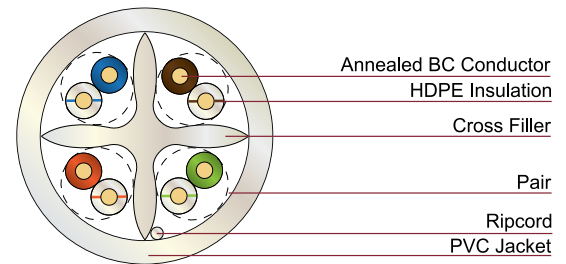
VGC™ Category 6 Unshielded Ethernet Cable, 23 AWG, CMX Indoor / Outdoor

White
MBW6U-04774

VGS6™ Category 6 Shielded RJ45 Keystone Jacks

Vericom VGS6™ Category 6 Shielded RJ45 Keystone Jacks support 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 Shielded Category 6 RJ45 Keystone Jacks meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. These keystone jacks manage crosstalk, provide superior performance with headroom for even the toughest installs.

Available in white with shielding but additional colors available by special order. To maximize performance, combine with our Vericom patch, panels, patch cords and bulk cable.

Standards & Compliances

- UL Listed
- ISO/IEC 11801
- UL 1863 and CAN/CSA-C22.2
- IEC 61156-5
- TIA/EIA-568.2-D
- RoHS Compliant
- 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)

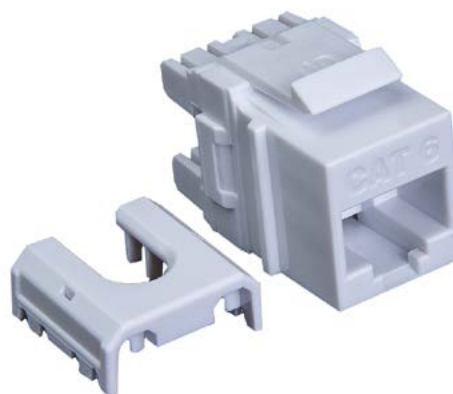### Ordering Information

Item Number
SPG6018WH

VGS6™ Category 6 Unshielded RJ45 Keystone Jacks

Vericom VGS6™ Category 6 UTP RJ45 Keystone Jacks support 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 6 UTP RJ45 Keystone Jacks meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. These keystone jacks manage crosstalk, provide superior performance with headroom for even the toughest installs, and are EC verified (2024-895) 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
- ISO/IEC 11801
- UL 1863 and CAN/CSA-C22.2
- IEC 61156-5
- TIA/EIA-568.2-D
- RoHS Compliant
- 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

Ordering Information

Item Number	*Indicates color is available by special order only. Check with sales representative for further details.*
MPG6018XX	

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: MPG6018BL (VGS6™ Category 6 UTP RJ45 Keystone Jack, Blue.)

VGC™ Category 6 Unshielded RJ45 Keystone Jacks & Couplers

Vericom VGC™ Category 6 UTP RJ45 Keystone Jacks and Couplers support 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.

With an option of either our VGC™ Category 6 U/UTP Keystone Jacks or our Keystone Couplers, we are sure to have a solution to suit your specific requirements.

VGC™ Category 6 Unshielded RJ45 Keystone Jacks

These Category 6 UTP RJ45 Keystone Jacks meet and exceed ANSI/TIA-568 C Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. These keystone jacks are compatible with most manufacturers' faceplates, are easy to punch down, clearly labeled, and have A/B functionality. For quick and easy termination, pair with our VGC™ Deluxe 66/110 Type Punch Down Tool.

Standards & Compliances

- UL Listed
- IEC 61156-5
- TIA/EIA- T568A
- RoHS Compliant
- ISO/IEC 11801
- TIA/EIA-568.C
- TIA/EIA- T568B

VGC™ Category 6 Unshielded RJ45 Keystone Couplers

These Category 6 UTP RJ45 Keystone Couplers meet and exceed ANSI/TIA-568 C Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. These inline keystone couplers snap-in to unused keystone ports to create a pass-through connection with an RJ45 jack on both the front and rear for fast plug-in connections of patch cords to both sides. These couplers are compatible with most manufacturers' faceplates, surface mount boxes or patch panels.

Standards & Compliances

- ISO/IEC 11801
- TIA/EIA-568.C
- TIA/EIA- T568B
- IEC 61156-5
- TIA/EIA- T568A
- RoHS Compliant

Searching for a shielded solution? Check out our available VGC™ Category 6 shielded components on page 12.

Ordering Information

VGC™ Category 6 Unshielded RJ45 Keystone Jack

Black	Blue	Green	Ivory
MKJ6U-03720	MKJ6U-02415	MKJ6U-02416	MKJ6U-02417
Light Almond	Orange	White	Yellow
MKJ6U-02418	MKJ6U-02419	MKJ6U-02420	MKJ6U-02421
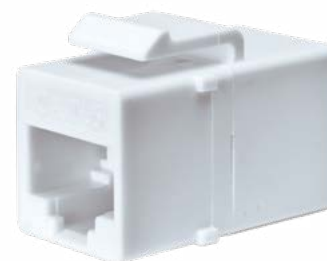
VGC™ Category 6 Unshielded RJ45 Keystone Coupler

Black	White
MKJ6U-01352	MKJ6U-03670

VGS6™ Category 6 Patch Panels

Vericom VGS6™ 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. Labels are provided with plasic covers for improved labeling durability.

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

VGS6™ CAT 6 Unshielded Patch Panels

These VGS6™ Patch Panels provide superior performance for data centers and other high-bandwidth intensive environments requiring a 1000BASE-T and PoE compatability. These panels are EC verified (2025-277) to perform with a standard RJ-45 interface, and feature 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.

Standards & Compliances

- UL Listed
- ISO/IEC 11801
- UL 1863 and CAN/CSA-C22.2
- IEC 61156-5
- TIA/EIA-568.2-D
- RoHS Compliant
- 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)

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.

Standards & Compliances

- Keystone Standard Ports
- TIA/EIA-606 Standard
- EIA-310-D

Ordering Information

VGS6™ Category 6 Unshielded Patch Panels

Item Number	Number of Ports	Rack Unit Quantity
UPP60WL24	24	1 RU
UPP60WL48	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

*Pictured

VGC™ Category 6 Patch Panels

Vericom VGC™ 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.

VGC™ Category 6 Unshielded Patch Panels

These VGC™ Patch Panels provide superior performance for data centers and other high-bandwidth intensive environments requiring a 1000BASE-T compatability. These panels feature a standard RJ-45 interface and are compatible with the standard 568A and 568B wiring schemes with a color coded wiring diagram between the 110 punch down terminals on the back of the panel. These patch panels are designed for CAT 6 unshielded wiring, with clearly numbered ports and white blank labels to make cable organization easy. They are perfect for Ethernet, voice and data networking applications.

Standards & Compliances

- RoHS Compliant
- IEC 61156-5
- Meets or Exceeds TIA/EIA- 568-C.2 Standard
- ISO/IEC 11801
- Supports PoE applications

VGC™ Universal 24 Port Modular Unshielded Patch Panels

These VGC™ Modular Unshielded 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. Modular patch panels are available in a 24 port 1 RU (rack unit) configuration.

Standards & Compliances

- Keystone Standard Ports
- EIA-310-D

Ordering Information

VGC™ Category 6 Unshielded Patch Panels

Item Number	Number of Ports	Rack Unit Quantity
MPP6U-03855	12	Wall Mount
*MPP6U-01361	24	1 RU
MPP6U-01362	48	2 RU

VGC™ Universal 24 Port Modular Patch Panels - Unloaded

Item Number	Number of Ports	Rack Unit Quantity
*MPPKU-04040	24	1 RU

*Pictured

28Flex™ Category 6 UTP Patch Cables

Vericom 28Flex™ Category 6 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 E solution with Power over Ethernet (POE+) capabilities.

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
- IEC 61156-5
- ISO/IEC 11801
- 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)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL 1863 and CAN/CSA-C22.2
- RoHS Compliant

Ordering Information

Item Number

RC6020**XX**F-M**YY**

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 = 06 ft	07 = 7 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	GY = Gray	GN = Green	WH = White	YE = Yellow

Item Example: RC602010F-MBL (28Flex™ Category 6 Unshielded Stranded Patch Cable, 28 AWG, Clear Boot, 10 ft, Blue.)

VGC™ Category 6 UTP Patch Cables

Vericom VGC™ Category 6 Snagless Unshielded Patch Cables support and exceed 1000BASE-T (Gigabit Ethernet), 100BASE-T (Fast Ethernet), DSL, cable modem and telecommunications. These patch cables are backwards compatible with Category 5e systems.

These Category 6 Snagless Unshielded Patch Cables are designed to meet and exceed ANSI/TIA-568-C.2 Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz and are tested up to 550 MHz. The patch cables utilize 23AWG stranded copper conductors in a four pair unshielded configuration with a cross filler for reduced EMI and maximum durability. These patch cables are rated CM and meet and exceed 1000BASE-T Ethernet applications with RJ-45 modular plugs.

Standards & Compliances

- ISO/IEC 11801
- TIA/EIA-568.C.2
- EN50288
- RoHS Compliant

Length	Black	Blue	Gray	White	Yellow
1 ft.	XPC6U-00234	XPC6U-00267	XPC6U-00245	XPC6U-00256	XPC6U-02901
2 ft.	XPC6U-00235	XPC6U-00268	XPC6U-00246	XPC6U-00257	XPC6U-02903
3 ft.	XPC6U-00236	XPC6U-00269	XPC6U-00247	XPC6U-00258	XPC6U-02904
4 ft.	XPC6U-02669	XPC6U-02679	XPC6U-02689	XPC6U-02699	XPC6U-02905
5 ft.	XPC6U-02670	XPC6U-02680	XPC6U-02690	XPC6U-02700	XPC6U-02906
6 ft.	XPC6U-00237	XPC6U-00270	XPC6U-00248	XPC6U-00259	XPC6U-02907
7 ft.	XPC6U-02671	XPC6U-02681	XPC6U-02691	XPC6U-02701	XPC6U-02908
10 ft.	XPC6U-02672	XPC6U-02682	XPC6U-02692	XPC6U-02702	XPC6U-02909
15 ft.	XPC6U-00240	XPC6U-00273	XPC6U-00251	XPC6U-00262	XPC6U-02910
25 ft.	XPC6U-00241	XPC6U-00274	XPC6U-00252	XPC6U-00263	XPC6U-02912

VGS™ One Step Termination Tool

One Step Termination Tool Item No.
NT1001

Replacement Head Item No.
NT1001-REPL

The ideal solution for terminating our VGS6™ CAT 6 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.

Note: This item works with our MPG and SPG item numbers.

VGC™ Deluxe 66 / 110 Punch Down Tool

Ideal for use with our *MKJ6U, MPP6U*, and *UPP* item SKUs, this deluxe 66/110 type punch down tool enables you to terminate and trim cables effortlessly, to quickly and easily terminate our VGS6™ CAT 6 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™ Modular Plug Tool

Ideal for use with our CAT 6 modular plugs (Item SKU *WRJ45-03440)*, 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™ RJ45 Crimp Tool CAT5e / CAT6

Suitable for use with our CAT5e and CAT6 modular plugs (Item SKU *WRJ45-12794)*, 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™ One Step Termination Tool

Suitable for use with our *MKJ6U and MKJ5U* item SKUs, Our VGC™ One Step Termination Tool can be used for the simultaneous seating and quick termination of 23-24 AWG Category 6 and 5e Cable into our VGC™ CAT6 and CAT5e 90 Degree keystone jack modules. 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.

VGC™ Termination Tools

VGC™ Deluxe 66 / 110 Punch Down Tool

Item No:	WTPDT-03633

VGC™ Modular Plug Tool

Item No:	WTRJC-03632

VGC™ RJ45 Crimp Tool CAT5e / CAT6

Item No:	WTRJC-12795

VGC™ One Step Termination Tool

Item No:	NT1002

VGS™ Field Terminable CAT6 UTP Plug

Item No: MPG601

The ideal solution for terminating our VGS6™ CAT 6 UTP cable in the field, this Field Terminable Category 6 UTP Plug features a time-saving design that enables the user to terminate CAT 6 cable without any special tools in overhead spaces by simply inserting the conductors into the wire manager and then into the plug housing.
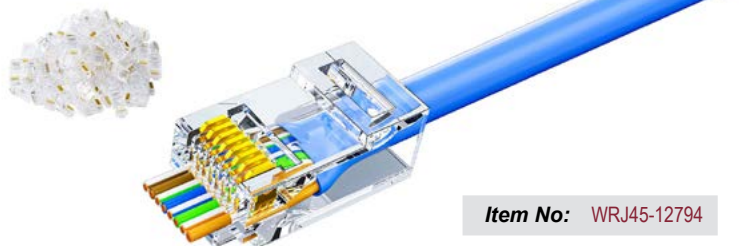
Available as a Bag of 50, these RJ45 modular unshielded connectors are designed to work specifically with CAT 6 cables. 22 - 24 AWG solid and stranded conductor cables are compatible with these modular connectors.

VGC™ CAT6 RJ45 Unshielded Connectors

Item No: WRJ45-03440

VGC™ CAT5e /CAT6 RJ45 Unshielded Connectors

Item No: WRJ45-12794

Available as a Bag of 100, these RJ45 modular unshielded connectors are designed to work with CAT6 and CAT5e cables. 23 - 26 AWG solid and stranded conductor cables are compatible with these modular connectors.

Note: Picture is for demonstration purposes only.
Cable sold separately.

VGS™ Keystone Single Gang Faceplate with Labels

1 Port	2 Port	3 Port	4 Port	6 Port
Item No: FP2WH1VL	**Item No:** FP2WH2VL	**Item No:** FP2WH3VL	**Item No:** FP2WH4VL	**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.

VGS™ Surface Mount Boxes

Vericom VGS™ Surface Mount Multimedia Boxes are available in 1 or 2 Port and support standard and multimedia keystone jack modules. These boxes are for data, multimedia, voice, or fiber modules in commercial or residential environments.

1 Port

Item No: SMB-WHT-1

2 Port

Item No: SMB-WHT-2

Need Faceplate Mounting Brackets?

Vericom offers Single Gang and Dual Gang Retro Fit Mounting Brackets. Ask a Vericom Representative or visit our website at vericomsolutions.com for details.

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)

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

Vericom VGC™ Category 6 shielded components include the same great features and specifications as our unshielded components, but with an additional level of foil screening or shielding for protection against electromagnetic interference from neighboring cables or components within a network. This line includes:

VGC™ Category 6 Shielded Riser Cable

Item Number: MBW6F-00935

Aluminum Mylar
Mylar Tape
SBC Conductor
Cross Filler
Insulation
Pair
Drain Wire
Ripcord
FRPVC Jacket

P1 P4 P2 P3
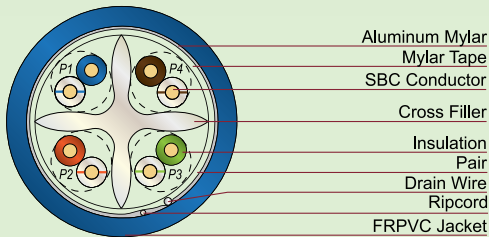
This Category 6 (F/UTP) Shielded Cable is applicable to non-plenum areas where cable is run between floors, and is designed to meet and exceed ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz to ensure interoperability with all standards compliant connectivity. The 1000ft spool of cable is constructed with 23AWG solid conductors, overall foil screened shielding, and differential twisted pairs separated with an integral cross filler reducing crosstalk to provide maximum system performance.

VGC™ Category 6 Shielded RJ45 Keystone Jack

Item Number: MKJ6S-04496

This Category 6 UTP RJ45 Shielded Keystone Jack meets and exceeds ANSI/TIA-568 C Category 6 and ISO 11801 Class E electrical performance requirements for frequencies up to 250 MHz. This shielded keystone jack prevents EMI, making them ideal for use in today's high speed networks. These keystone jacks are compatible with most manufacturers' faceplates, are easy to punch down, clearly labeled, and have A/B functionality. For quick and easy termination, pair with our VGC™ Deluxe 66/110 Type Punch Down Tool.

VGC™ Category 6 Outdoor Shielded Waterproof Coupler

Available in two lengths to suit your application, this Vericom Category 6 RJ45 shielded female waterproof connector is designed to connect two CAT6 shielded patch cords together, leaving a watertight connection rated to an IP67 industrial standard. It is ideal for harsh industrial or outdoor environments.

Short*	Long
MCP6S-04683	MCP6S-04684

*Pictured

VGC™ Shielded Patch Panels

VGC™ CAT 6 24 Port Shielded Patch Panels

Item Number: MPP6S-01364

Our *Category 6 FTP 24 Port Patch Panels* are offered in a 110 punch down block style to provide flexible, multi-purpose end connection solutions for communication connections. They are compatible with 568A and 568B wiring schemes with color coded wiring diagram on the back of the panel and are designed specifically for use with Category 6 shielded wiring. Clearly numbered fixed ports and white blank labels makes organizing cable runs easy. Perfect for ethernet, voice and data networking applications. These panels are designed to fit any standard 19 inch rack, cabinet or bracket.

VGC™ Universal Modular 24 Port Shielded Patch Panels

Item Number: MPPKS-04042

Additionally we also offer a *VGC™ Universal Modular 24 Port Shielded Patch Panel* for a more diversified plug and play network configuration. This patch panel accepts standard keystone modules including but not limited to Cat 5e, 6, 6A modules, HDMI, fiber optics, RCA modules, coax connectors, and more.

VGC™ Category 6 Shielded Patch Cables

Vericom VGC™ Category 6 Snagless F/UTP Patch Cables support and exceed 1000BASE-T (Gigabit Ethernet), 100BASE-T (Fast Ethernet), DSL, cable modem and telecommunications. These patch cables are backwards compatible with Category 5e systems. This patch cable is constructed with 23AWG solid conductors, overall foil screened shielding, and differential twisted pairs separated with an integral cross filler reducing crosstalk to provide maximum system performance. Shielded RJ45 connectors with molded strain relief boots make these a perfect fit for your networking needs. *Available in limited lengths and colors.*

Length	Black	Blue	Gray	White	Yellow
1 ft.	XPC6F-00278	XPC6F-00311	XPC6F-00289	XPC6F-00300	XPC6F-03329
2 ft.	XPC6F-00279	XPC6F-00312	XPC6F-00290	XPC6F-00301	XPC6F-03330
3 ft.	XPC6F-00280	XPC6F-00313	XPC6F-00291	XPC6F-00302	XPC6F-03331
5 ft.	XPC6F-03226	XPC6F-03235	XPC6F-03243	XPC6F-03321	XPC6F-03333

VGC™ CAT 6 RJ45 Shielded Connectors

Available as a bag of 50, these RJ45 modular shielded connectors are designed to work specifically with CAT 6 cables. 22 - 24 AWG solid and stranded conductor cables are compatible with these modular connectors.

Item Number: WRJ45-03442

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**.*

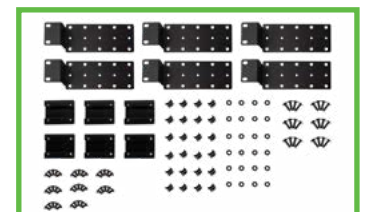### Cable Management

RAMVF**XX**D

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

Colocation Cabinets

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.

SOHO Cabinets

Like most colocation cabinets, Vericom's VC5 Colocation Cabinet is designed to securely store ICT equipment for two tenants within the footprint of a single cabinet. However, the VC5 Colocation Cabinet is also engineered to convert back to a standard, single tenant cabinet to accommodate changes in future business needs. Colocation providers are able to cost-effectively service a wide range of tenants by maximizing space utilization and minimizing cabinet expenditures.

For additional information and a complete list of available options, please visit our website.

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.

VERICOM®

The Future Of Technology - Today.

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