



## VGS™ Field Terminable CAT6 UTP Plug



### Applications

The Vericom VGS™ Field Terminable Category 6 UTP Plug supports 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.

### Description / Specifications

The Vericom VGS™ Field Terminable Category 6 UTP Plug 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 Field Terminable Category 6 UTP Plug is designed to manage crosstalk to provide superior performance with headroom for even the toughest installs. These Field Terminable Plugs are easy to terminate without any special tools in overhead spaces by simply inserting the conductors into the wire manager and then into the plug housing.

To maximize system performance, combine with Vericom VGS™ Category 6 UTP bulk cable.

### Features & Benefits

- Vericom VGS™ Field Terminable CAT6 UTP Plugs are compatible with CAT6 performance.
- Contacts provide minimum 50 microinches of gold plating for maximum system reliability.
- Universal label shows T568A and T568B wiring for ease of use.
- A fast and reliable termination helps save labor costs and installation time.
- Does not require special tools for termination—simply insert the conductors into the wire manager and then into the plug housing.
- Compatible with 23- 26AWG wiring.
- Individually packaged in polybags.
- Available in Gray.

### Standards Compliance

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

### Related Products

VGS6™ CAT6 U/UTP Plenum LP-Certified CMP Cable, 1,000 FT Pull Box

Item No. SP6013P-xx1000FB

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

BL BK GN GY WH YE





## VGS™ Field Terminable CAT6 UTP Plug

### Ordering Information

Item Number	Description
MPG601	Field Terminable CAT6 UTP Plug

### Construction

**Housing:** High impact thermoplastic, UL94V-0 fire retardant

**IDC:** 110 type, phosphor bronze alloy with 100 µin 100% tin alloy

**Contacts:** Phosphor bronze alloy plated with 50 µin of gold over of nickel plating

### Mechanical

**Plug Retention:** 50 N (11 lbf)

**Wire Compatibility:** 23 to 26 AWG (0.157" to 0.236")

**Mating Life Cycle:** 2500 cycles

### Environmental Conditions

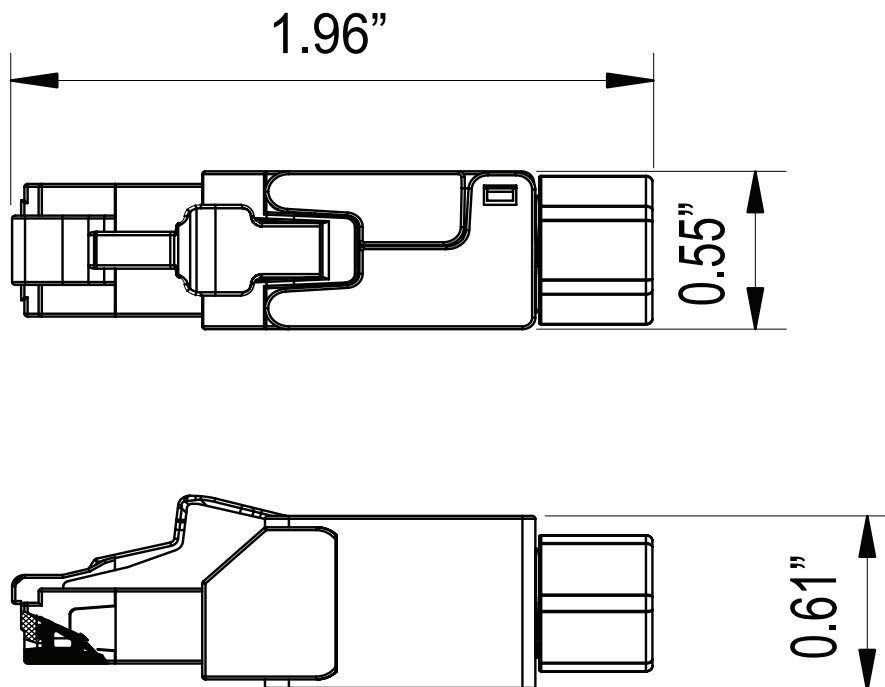
**Operating Temperature:** -40 °F to 75 °F (-40 °C to 167 °C)

**Storage Temperature:** -40 °F to 75 °F (-40 °C to 167 °C)

### Transmission Performance

Bandwidth (dB)	Attenuation	NEXT	FEXT	Return Loss
250.00	< 0.32	> 46	> 0.35.1	> 16

### Technical Illustration



TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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