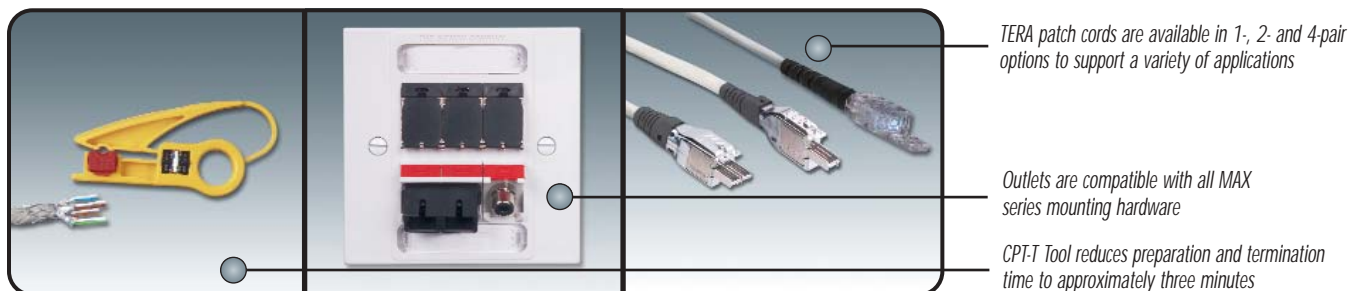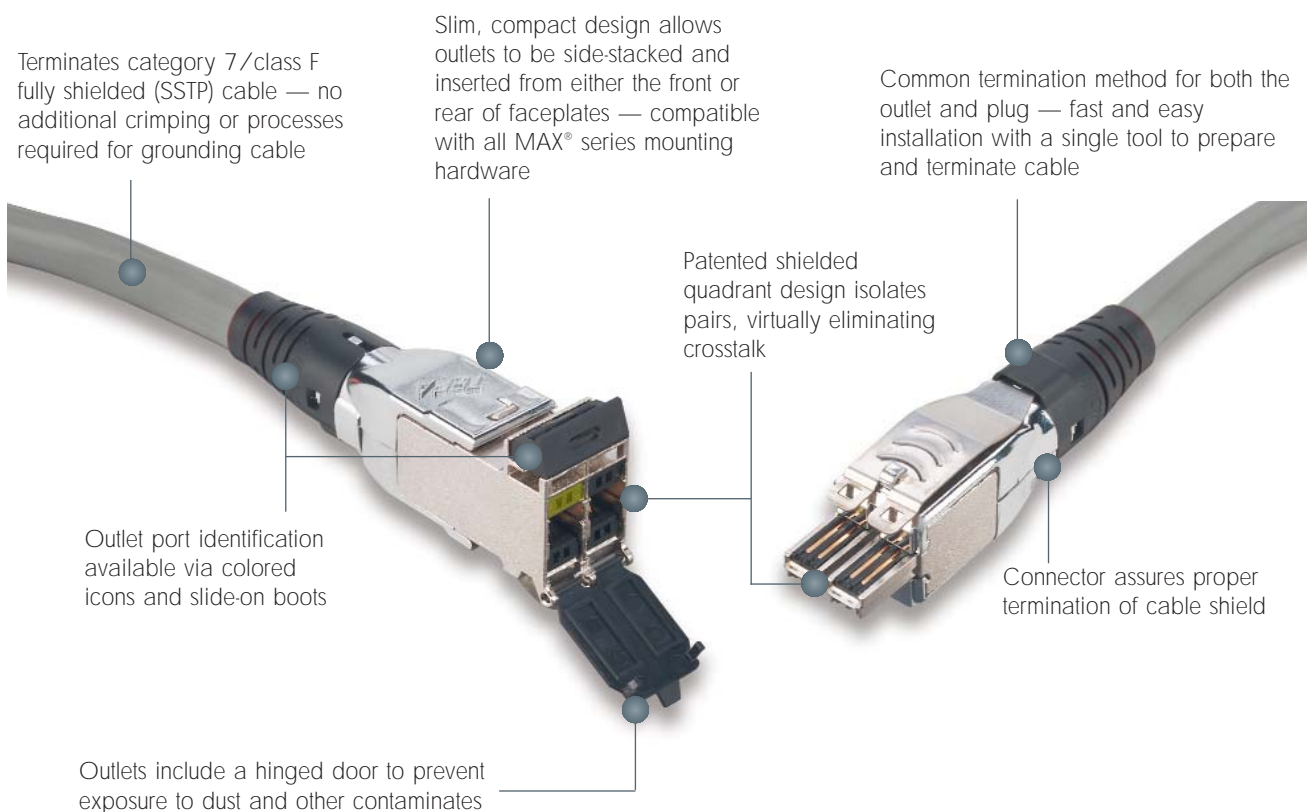# TERA™

Once again Siemon expands the boundaries of copper cabling performance with the revolutionary, fully shielded TERA connector. Part of the 10G *ip*™ cabling solution, it delivers almost twice the bandwidth of category 7/class F specifications. While current specifications characterize connector performance up to 600 MHz, TERA delivers over 1.2 GHz of bandwidth per pair. This extra bandwidth is critical for demanding applications like broadband video, with an upper frequency requirement of 862 MHz, or the convergence of video, voice and data onto a single cable. TERA plugs come in 1-, 2-, and 4-pair options to support multiple applications in one 4-pair outlet. TERA outlets can be used in both the work area and in the Telecommunication Room (TR).

10G *ip*™

PATENTED

Terminates category 7/class F fully shielded (SSTP) cable — no additional crimping or processes required for grounding cable

Slim, compact design allows outlets to be side-stacked and inserted from either the front or rear of faceplates — compatible with all MAX® series mounting hardware

Common termination method for both the outlet and plug — fast and easy installation with a single tool to prepare and terminate cable

Patented shielded quadrant design isolates pairs, virtually eliminating crosstalk

Outlet port identification available via colored icons and slide-on boots

Connector assures proper termination of cable shield

Outlets include a hinged door to prevent exposure to dust and other contaminates

TERA patch cords are available in 1-, 2- and 4-pair options to support a variety of applications

Outlets are compatible with all MAX series mounting hardware

CPT-T Tool reduces preparation and termination time to approximately three minutes

SIEMON™

ORDERING INFORMATION

SHIELDED PRODUCTS

TERA™ Outlet:

TERA outlets are the key to next generation performance. Outlets accept 1-, 2- and 4-pair patch cords and terminate fully shielded category 7/class F cables. TERA outlets can be used in both the work area and in the telecommunications room.
T7F-01-1 ....TERA Outlet with black door, icon and boot

TERA Patch Cords:

Unleash the power and flexibility of your TERA cabling with a variety of TERA patch cords designed to meet your bandwidth requirements for today and tomorrow. Both TERA-to-TERA and TERA-to-modular plug cord options are available. 1- and 2-pair plug modularity allows multiple applications to be served from a single outlet.

T4-(XX)M-B(XX)L..........
Category 7 compatible, 4-pair TERA-to-TERA LSOH cable assembly, ivory jacket, colored boot

T4T-(XX)M-B(XX)L ....
Category 6, 4-pair TERA-to-shielded MC® 6 modular plug, LSOH cable assembly, ivory jacket, colored boot, T568A

T4A-(XX)M-B(XX)L ......
Category 6, 4-pair TERA-to-shielded MC 6 modular plug, LSOH cable assembly, ivory jacket, colored boot, T568B

T2E2-(XX)M-B(XX)L.....
Category 5e, 2-pair TERA-to-shielded MC 5 modular plug, LSOH cable assembly, ivory jacket, colored boot, 10/100BASE-T

2UT-(XX)M-B(XX)L.......
Category 5e, 2-pair TERA-to-MC 5 modular plug, LSOH cable assembly, ivory jacket, colored boot, Token Ring

T1U1-(XX)M-B(XX)L ....
1-pair TERA-to-6 position modular plug, LSOH cable assembly, ivory jacket, colored boot, voice
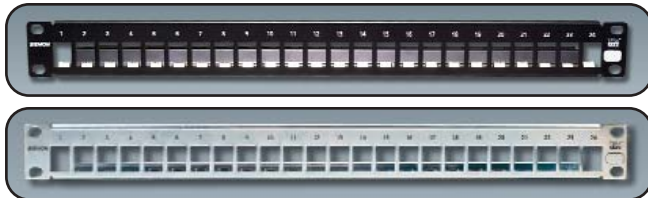
Use 1st (XX) to specify length: 01 = 1m (3.28 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.84 ft.), 05 = 5m (16.41 ft.)
Use 2nd (XX) to specify boot color: 01 = black, 02 = white, 03 = red, 05 = yellow, 06 = blue, 07 = green

TERA-MAX® 19 inch Patch Panels:

TERA-MAX patch panels harness unprecedented performance and reliability in a shielded, high-density modular solution. Any combination of TERA and shielded MAX outlets can be configured in TERA-MAX panels. Resilient ground tabs and ground lugs assure that each outlet and cable is properly grounded for maximum protection from outside interference.

TM-PNL-16-01 ....16-port TERA-MAX panel, black, 1 RMS
TM-PNL-24-01 ....24-port TERA-MAX panel, black, 1 RMS
TM-PNL-16 ....16-port TERA-MAX panel, metallic, 1 RMS
TM-PNL-24 ....24-port TERA-MAX panel, metallic, 1 RMS

Note: 1 RMS = 44.5mm (1.75 in.)

Because we are continuously improving our products, The Siemon Company reserves the right to change specifications and availability without prior notice.

TERA™, 10G ip™, MAX® and MC® are a trademarks of The Siemon Company

50mm TERA-MAX Faceplate:

Designed for markets where trunking systems are used to route cables, the 50mm TERA-MAX faceplate mounts TERA outlets on an angle to maintain proper bend radius. The faceplate accepts either one or two TERA or shielded MAX series outlets. Screws, metal mounting plate, designation label and clear label cover included.

T50-(XX) ....50mm x 50mm 2-port faceplate
Use (XX) to specify color: 02=white, 80=light ivory, 82=alpine white

45mm TERA-MAX Adapters:

These adapters allow TERA or shielded MAX modules to be mounted into standard 45mm faceplate openings.
MX-45-01-(XX) ......45mm x 45mm 1-port faceplate adapter
MX-45-02-(XX) ......45mm x 45mm 2-port faceplate adapter
Use (XX) to specify color: 02=white, 80=light ivory, 82=alpine white

TERA Cable Preparation Tool:

CPT-T ....TERA preparation tool. Includes CPT-DIE-T4 and TERA cable preparation template
CPT-DIE-T4.............4-pair SSTP cable replacement die

For related product information request Spec Sheet(s):
Screened TERA Cable (PROD-SS-CBL7S)

PROD-SS-TRA Rev. H 9/03

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