

TERA® OUTLET

Invented in 1999, long before its time and subsequently chosen as an ISO/IEC 11801 Ed 2.0 interface for category 7/class F, the Siemon TERA is by far the highest performing twisted-pair copper connector in the world. When installed as part of a TERA solution, each pair delivers up to 1.2 GHz of bandwidth – exceeding the bandwidth of category 7_A/class F_A specifications. This extra bandwidth is critical in demanding applications such as broadband video, with an upper frequency requirement of 862 MHz. Broadband video, high speed data and voice applications can be supported simultaneously using a single 4-pair fully shielded (S/FTP) cable. TERA outlets can be used in both the work area and in the telecommunications room.



10G *ip*[™]
PATENTED

WORK AREA PRODUCTS

Fast and easy termination of category 7/class F fully shielded (S/FTP) cable

Slim, compact design allows outlets to be side-stacked

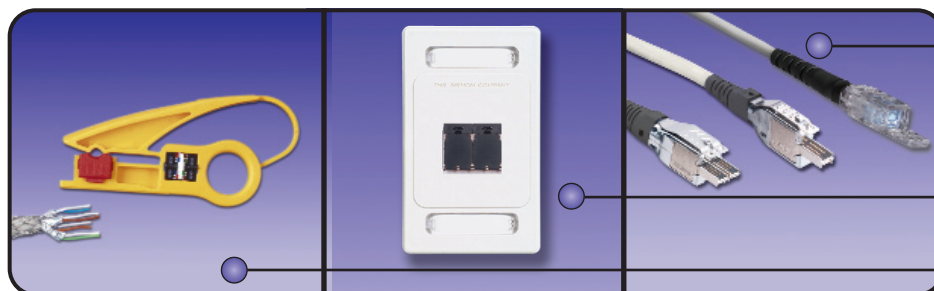
Fully shielded (S/FTP) cable and connector design eliminates alien crosstalk concerns

Shielded quadrant design fully isolates pairs for optimum performance up to 1.2 GHz per pair

TERA's ability to share one 4-pair cable and outlet to support multiple applications can save significant material and installation costs

TERA outlets and plugs assure proper termination of cable shield — no additional crimping or processes required for grounding cable

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



TERA patch cords are available in 1-, 2- and 4-pair options to support voice, video and data applications

Outlets are compatible with all MAX series mounting hardware

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

ORDERING INFORMATION

TERA® 4-Pair Outlet:

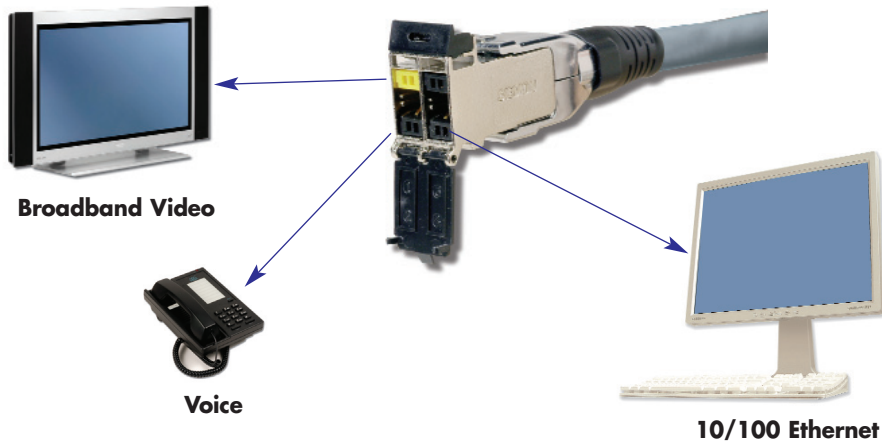


TERA outlets are the industry's highest performing network cabling connectors. Outlets accept 1-, 2- and 4-pair plugs and terminate fully shielded category 7/class F cables. TERA outlets may be used in both the work area and in the telecommunications room.

T7F-01-1TERA Outlet with black door, icon and boot

TERA Cable Sharing

Up to four simultaneous applications may be served with a single 4-pair, S/FTP cable and TERA outlet, saving significant materials, labor and space. (Voice, broadband video and high speed data shown).



ISO 2-PAIR GIGABIT APPLICATION FOR CATEGORY 7/CLASS F CABLING

The eagerly anticipated ISO/IEC 14165-114 standard, which defines a 1 Gigabit per second application using a 2-pair transmission scheme over category 7/class F cabling, has been approved for publication. This new standard specifies one pair to transmit and one pair to receive and is intended for operation over 100 meter, 4-conductor category 7/class F cabling topologies. While still pending implementation by active requirement manufacturers, with the publication of this application standard, Siemon's TERA solution becomes the world's first and only cabling system capable of supporting two simultaneous Gigabit per second data applications over a single 4-pair channel!

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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For related product information request Spec Sheet(s):

TERA-MAX® Patch Panels (PROD-SS-TRAPP)
TERA Patch Cords (PROD-SS-TRAPC)

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