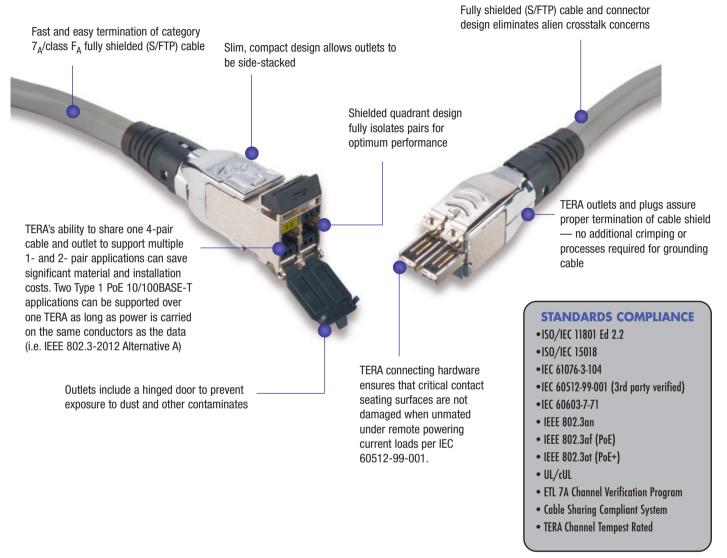
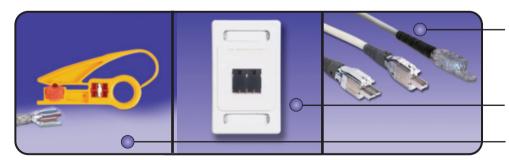
TERA® Outlet

Chosen as an ISO/IEC 11801 Ed 2.2 interface for category 7_{A} /class F_{A} , the Siemon TERA outlet is by far the highest performing twisted-pair copper connector in the world. When installed as part of a TERA solution, each pair delivers bandwidth exceeding the performance 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 698 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.





TERA patch cords are available in 1-, 2- and 4-pair options to support voice, video and data cable sharing applications; ideal for high density work area environments and intelligent building applications

Outlets are compatible with all MAX series mounting hardware

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



Product Information

ELECTRICAL		
Contact Resistance	20 Ω	
Input to Output Resistance - Signal Contact	200 Ω	
Min. Dielectric Withstand Voltage (contact to contact)	1000 V DC or AC peak	
Min. Dielectric Withstand Voltage	1500 V DC or AC peak	
Insulation Resistance	500 Ω	
Backward Compatibility	to 5e, 6 and 6A	
Power over Ethernet (PoE)	Suitable for PoE and PoE+	

MECHANICAL-OUTLET		
Operating Temperature	-10 to 60 °C (14 to 140 °F)	
Flammability Rating	UL 94 V-0	
Green Features	RoHS, lead free, halogen free, PVC free	
Housing Material	Diecast zinc alloy	
Contact Materials	Plated phospher bronze	
Plastic Materials	Flame retardant thermoplastic	
Dimensions with boot (LxWxH)	64.2x14.5x24.3 mm (2.5x.570x.95 in.)	
Shielding	Quadrant design	
Number of Plug Insertion Cycles	2500	
Min Contact Force	50g	
Min Plug Retention Force	50N	
Plug Compatibility	IEC 61076-3-104	

MECHANICAL-TERMINATION		
Wire Size Range (nominal)	22-26 AWG solid and stranded	
Wire Insulation Diameter Range (max)	1.58 mm (0.0622 in.)	
Conductor OD (max)	0.64 mm (0.025 in.)	
Cable OD (max)	9 mm (0.354 in.)	
Reterminations	Not recommended	

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 $T_A/class\ F_A$ 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, 22-24 AWG solid cable T7F-01-2TERA Outlet with black door, icon and boot, 26 AWG stranded cable

For related product information request Spec Sheet(s):

TERA-MAX® Patch Panels (SS-TRAPP)
TERA Patch Cords (PROD-SS-TRAP)
TERA Video Cords (PROD-SS-TRAV)

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

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