

# TERA<sup>®</sup> - Patch Cords

Part of the TERA cabling solution, TERA-to-TERA patch cords exceed bandwidth of Category 7<sub>A</sub> / Class F<sub>A</sub> specifications when combined with the TERA outlet. TERA delivers up to 1.2 GHz of bandwidth per pair, providing the extra bandwidth for demanding applications like 10GBASE-T and Broadband Video. Facilitated by 1- and 2-pair patch cords, TERA's extended performance also supports cable sharing — the simultaneous convergence of video, voice data and remote powering onto a single 4-pair cable and outlet.

PATCH CORDS, PLUG AND CABLE

**2-Pair TERA to Shielded Category 5e RJ-45** — plug for 10/100 Ethernet and PoE\*

**4-Pair TERA to Shielded Category 6<sub>A</sub> RJ-45** plug for 1G/10G Ethernet performance

**4-Pair TERA to TERA** — supports Category 7/7<sub>A</sub>/Class F/F<sub>A</sub> performance to 10Gb/s

**1-Pair TERA to TERA** — for analog voice and video patching. Video balun cord also available

**Standard Compliant Interface** — recognized within ISO/IEC 11801 Ed. 2.0

**1-Pair TERA to RJ11** plug for analog voice



## TERA Field-Terminated Plug

TERA 4-pair plugs can be used to terminate horizontal cable into exact lengths for consolidation point applications. Plugs terminate fully shielded Category 7 and 7<sub>A</sub> solid cable.

Part #	Description
T7P4-B(XX)-1	4-Pair TERA plug with colored boot. Compatible with 0.64 – 0.55mm (22 – 23 AWG) solid S/FTP and F/FTP cable
T7P4-B(XX)-2	4-Pair TERA plug with colored boot. Compatible with 0.48mm (26 AWG) stranded S/FTP and F/FTP cable

Use (XX) to specify boot color: 01 = Black, 02 = White, 03 = Red, 05 = Yellow, 06 = Blue, 07 = Green

\* One TERA Category 7<sub>A</sub>/Class F<sub>A</sub> channel can support two 10/100 BASE-T Ethernet data and two Type 1 or Type 2 PoE applications as long as power is delivered using IEEE Std 802.3™ -2015 PSE pinout Alternative A.



ISO recognized interface allows TERA cords and outlets to fit within a standard RJ45 footprint.

TERA to RJ45 patch cords allow the TERA system to be easily connected to RJ45 equipped active electronics.

Multiple applications can be run over one 4-pair cable and outlet, saving significant material and pathway space.

# Product Information

## TERA® Category 7<sub>A</sub> Patch Cords

Category 7<sub>A</sub> compatible, TERA to TERA, CM/LSOH cable assembly, white jacket, colored boot.

T(X)-(XX)M-B(XX)L	
Plug Type	Boot Color
1 = 1-Pair	01 = Black
4 = 4-Pair	02 = White
	03 = Red
	05 = Yellow
	06 = Blue
	07 = Green
Cord Length	
01 = 1m (3.3 ft.)	
02 = 2m (6.6 ft.)	
03 = 3m (9.8 ft.)	
05 = 5m (16.4 ft.)	

## TERA Category 6A Patch Cords

Category 6A, TERA to shielded RJ-45 modular plug, CM/LSOH cable assembly, white jacket, colored boot

T4(X)-S(XX)M-B(XX)L	
Plug Type	Boot Color
A = T568B	01 = Black
T = T568A	02 = White
	03 = Red
	05 = Yellow
	06 = Blue
	07 = Green
Cord Length	
01 = 1m (3.3 ft.)	
02 = 2m (6.6 ft.)	
03 = 3m (9.8 ft.)	
05 = 5m (16.4 ft.)	

## TERA Category 5e Compatible Patch Cords

TERA to shielded RJ-45, or TERA to 6 position (voice) modular plug, LSOH cable assembly, white jacket, colored boot.

T(XXX)-(XX)M-B(XX)L	
Plug Type	Boot Color
2E2 = 2-Pair, RJ-45, 10/100BASE-T	01 = Black
2UT = 2-Pair, RJ-45, Token Ring	02 = White
1SU1 = 1-Pair, UTP, 6-position, Voice	03 = Red
	05 = Yellow
	06 = Blue
	07 = Green
Cord Length	
01 = 1m (3.3 ft.)	
02 = 2m (6.6 ft.)	
03 = 3m (9.8 ft.)	
05 = 5m (16.4 ft.)	

CLIP-(XX)..... Color coding clip, bag of 25

Clip Color	Clip Color
01 = Black	06 = Blue
02 = White	07 = Green
03 = Red	08 = Violet
04 = Gray	09 = Orange
05 = Yellow	



## TERA Video Balun Cords

TERA CATV baluns provide the optimum solution for the transmission of TV or CATV signals over structured cabling systems that were historically limited to voice and data transmission. These products convert the unbalanced TV signals designed for coaxial cabling (75 Ω impedance) to balanced signals (100 Ω impedance) as required for transmission over twisted pair (balanced) cabling. The TERA CATV adapters are specified and usable to 862 MHz. The 1-pair TERA to PAL and TERA to "F" patch cords utilize an integrated balun. The 1-pair shielded TERA to shielded RJ45 patch cord allows connection to third-party RJ45 baluns.

Part #	Description
T1VC-(XX)M-B01L.....	1-Pair TERA to PAL connector, LSOH cable assembly, gray jacket
T1VF-(XX)M-B01L.....	1-Pair TERA to F connector, LSOH cable assembly, gray jacket
T1S4V-(XX)M-B01L.....	1-Pair shielded TERA to RJ45 patch cord

Use (XX) to specify length: 01 = 1m (3.3 ft.), 1.5 = 1.5m (4.9 ft.), 02 = 2m (6.6 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)



T1VF-(XX)M-B01L



T1S4V-(XX)M-B01L

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**Worldwide Headquarters**  
**North America**  
 Watertown, CT USA  
 Phone (1) 860 945 4200

**Regional Headquarters**  
**Europe Russia Africa**  
 Chertsey, Surrey, England  
 Phone (44) 0 1932 571771

**Regional Headquarters**  
**China**  
 Shanghai, P.R. China  
 Phone (86) 215385 0303

**Regional Headquarters**  
**Latin America**  
 Bogota, Colombia  
 Phone (571) 657 1950/51/52

**Regional Headquarters**  
**India Middle East**  
 Dubai, United Arab Emirates  
 Phone (971) 4 3689743

**Regional Headquarters**  
**Asia Pacific**  
 Sydney, Australia  
 Phone (61) 2 8977 7500

**Siemon Interconnect Solutions**  
**Watertown, CT USA**  
 Phone (1) 860 945 4213 US  
 www.siemon.com/SIS