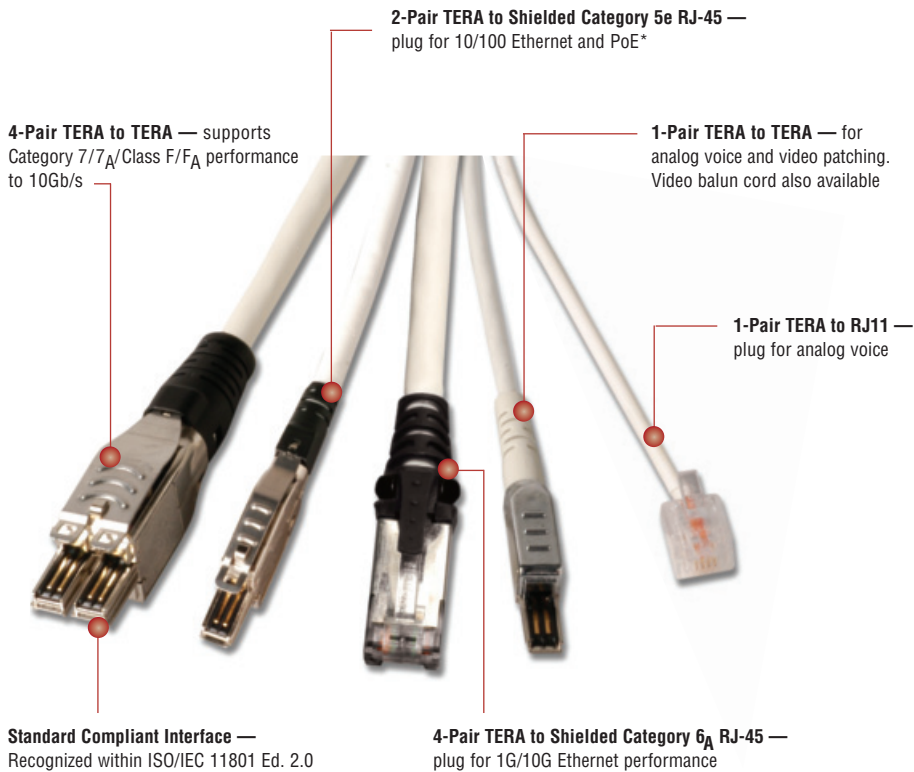


# TERA<sup>®</sup> - Patch Cords

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.



### Standard Footprint

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



### Fully Compatible With Active Electronics

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



### Cable Sharing

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

## 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 black 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.



PATCH CORDS PLUG AND CABLE

## Ordering Information:

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

Category 7<sub>A</sub> compatible, TERA to TERA, CM/LSOH cable assembly, ivory 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 (3.28 ft.)	
02 = 2m (6.56 ft.)	
03 = 3m (9.84 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, LS0H cable assembly, ivory 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, S/FTP 6-position, Voice	03 = Red
	05 = Yellow
	06 = Blue
	07 = Green
Cord Length	
01 = 1m (3.28 ft.)	
02 = 2m (6.56 ft.)	
03 = 3m (9.84 ft.)	
05 = 5m (16.4 ft.)	

### TERA Category 6A Patch Cords

Augmented Category 6A, TERA to Shielded RJ-45 modular plug, CM/LSOH cable assembly, ivory 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 (3.28 ft.)	
02 = 2m (6.56 ft.)	
03 = 3m (9.84 ft.)	
05 = 5m (16.4 ft.)	

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

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



### 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 useable 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, LS0H cable assembly, gray jacket
T1VF-(XX)M-B01L.....	1-pair TERA to F connector, LS0H cable assembly, gray jacket
T1S4V-(XX)M-B01L.....	1-pair shielded TERA to RJ45 patch cord

Use (XX) to specify length: 01 = 1m (3 ft.), 1.5 = 1.5m (4.5 ft.), 02 = 2m (6 ft.), 03 = 3m (9 ft.), 05 = 5m (15 ft.)



T1VF-(XX)M-B01L



T1S4V-(XX)M-B01L

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

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