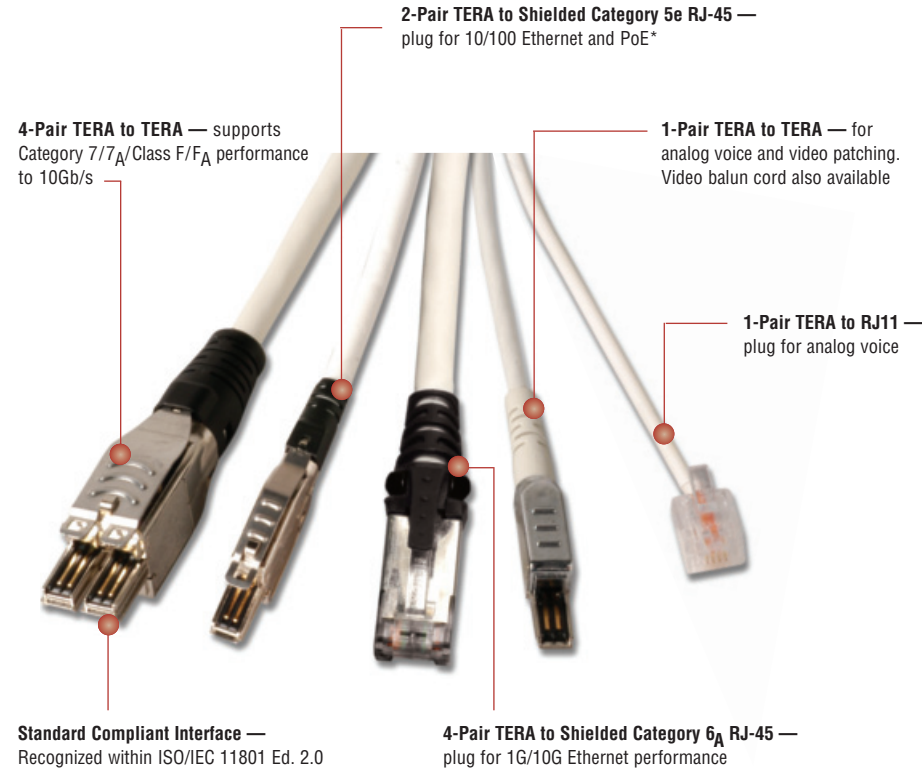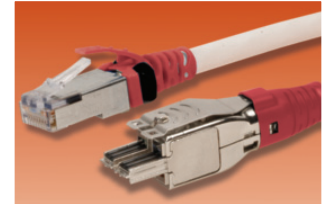# TERA® - Patch Cords

Part of the TERA cabling solution, TERA-to-TERA patch cords exceed band-width of Category 7_A/Class F_A 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.

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

4-Pair TERA to TERA — supports Category $7/7_A$/Class F/F_A performance to 10Gb/s

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

1-Pair TERA to RJ11 — plug for analog voice

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

4-Pair TERA to Shielded Category 6_A RJ-45 — plug for 1G/10G Ethernet performance

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_A 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_A/class F_A 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.

Ordering Information:

TERA Category 7$_A$ Patch Cords

Category 7$_A$ compatible, TERA to TERA, LS0H cable assembly, ivory jacket, colored boot.

T(X)-(XX)M-B(XX)L

Plug Type
1 = 1-Pair
4 = 4-Pair

Cord Length
01 = 1m (3.28 ft.)
02 = 2m (6.56 ft)
03 = 3m (9.84 ft.)
05 = 5m (16.4 ft.)

Boot Color
01 = Black
02 = White
03 = Red
05 = Yellow
06 = Blue
07 = Green

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
2E2 = 2-Pair, RJ-45, 10/100BASE-T
2UT = 2-Pair, RJ-45, Token Ring
1SU1 = 1-Pair, S/FTP 6-position, Voice

Cord Length
01 = 1m (3.28 ft.)
02 = 2m (6.56 ft)
03 = 3m (9.84 ft.)
05 = 5m (16.4 ft.)

Boot Color
01 = Black
02 = White
03 = Red
05 = Yellow
06 = Blue
07 = Green

TERA Category 6A Patch Cords

Augmented Category 6A, TERA to Shielded RJ-45 modular plug, LS0H cable assembly, ivory jacket, colored boot

T4(X)-S(XX)M-B(XX)L

Plug Type
A = T568B
T = T568A

Cord Length
01 = 1m (3.28 ft.)
02 = 2m (6.56 ft)
03 = 3m (9.84 ft.)
05 = 5m (16.4 ft.)

Boot Color
01 = Black
02 = White
03 = Red
05 = Yellow
06 = Blue
07 = Green

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

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

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