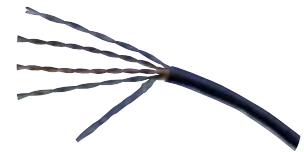# TrueNet® Category 6
Structured Cabling Systems

The TrueNet Category 6 solution is a fully integrated family of precisely tuned components each designed to operate at optimum performance with the other. This solution is unmatched in data throughput and is supported by the most comprehensive and thorough warranty in the industy: the TrueNet Zero Bit-Error warranty. The warranty guarantees that the structured cabling system will remain error free for a full 5 years and includes a 20-year electrical performance and free of defect warranty. The result is a remarkable advanced and high performing end-to-end channel guaranteed beyond the typical industry requirements to maximize network throughput and minimize downtime. Numerous component options are available for versatility and flexible adaptation to meet any infrastructure requirement.

ORDERING INFORMATION

Features	Description	Catalog Number
• Patented impedance matching for zero bit-errors • Features AirES® technology • Manufactured with lead free materials	4-pair plenum data cable 4-pair riser data cable	TN6SP-XXYY TN6SR-XXYY

XX = Jacket Color: BL = Blue, WT = White, GY = Gray, GN = Green, YL = Yellow, RD = Red
YY = Length: 02 = 1000 ft, 04 = 2000 ft, 05 = 2500 ft, RB = 1000 ft reel in a box

Data Cables

Features	Description	Catalog Number
• Design provides high density and flexibility • Wire can be terminated with either a KRONE® or 110 tool • Rear wire manager included • Designed to support gigabit ethernet transmission speeds	1 RU 24-port patch panel; silkscreen 2 RU 48-port patch panel; silkscreen 1 RU 24-port patch panel; fascia 2 RU 48-port patch panel; fascia	6653 1 677-24 6653 1 677-48 6653 1 679-24 6653 1 679-48

Patch Panels

Features	Description	Catalog Number
• Patented right/left angle eases stress on patch cords allowing for easy cable management • 45-degree silver-plated IDCs provide secure reliable gas-tight connections • Wire can be terminated with either a KRONE or 110 tool • Universal A/B wiring label	1 RU 24-port right/left angle patch panel 2 RU 48-port right/left angle patch panel Cable bar manager; black	PP24AC6T PP48AC6T ADCCMR-A

Dynamic Right/Left Angle Patch Panels

Features	Description	Catalog Number
• 45-degree silver-plated IDCs provide secure reliable gas-tight connections • Wire can be terminated with either a KRONE or 110 tool • Universal A/B wiring label • Compatible with any TrueNet modular faceplate, modular furniture faceplate, surface box and modular patch panel	KM8 RJ45 punch down UTP modular 568A/B jack KM8 RJ45 tool-less UTP modular 568A/B jack	TN6SP-XXYY TN6SR-XXYY

XX = Jack Color: 01 = White, 02 = Ivory, 03 = Gray, 04 = Black, 05 = Red, 06 = Blue,
07 = Green, 08 = Yellow, 09 = Purple, 10 = Orange, 22 = Electrical Ivory

Modular Jacks (KM8)

TE connectivity

ORDERING INFORMATION

Features	Description	Catalog Number
• Impedance matched patch cord for maximum throughput • Patented AirES Technology • Up to 28% smaller outer diameter than other patch cords • UL 1863 listed and Category 6 performance verified	RJ45-RJ45 plug UTP T568B PVC patch cord RJ45-RJ45 plug UTP T568A PVC patch cord RJ45-RJ45 plug UTP crossover PVC patch cord	6645-2-78X-YY 6645-2-77X-YY 6645-2-79X-YY

X = Color: 0 = White, 1 = Blue, 2 = Red, 3 = Yellow, 4 = Green, 7 = Gray
YY = Length: 04 = 4 ft; 07 = 7 ft, 10 = 10 ft, 15 = 15 ft, 25 = 25ft, 50 = 50ft
Contact TE for custom lengths and colors.

Patch Cords

Features	Description	Catalog Number
• Pre-terminated blocks reduce installation time • Test port provides "look-both-ways" testing and circuit monitoring using TE test cords • Performance exceeds TIA/EIA Category 6 component specifications	25-pair HighBand 25 block 300-pair field assembly kit with back mount frame	6468 5 600-00 6450 1 101-00

Highband® 25 Blocks

Features	Description	Catalog Number
• Test port provides "look-both-ways" testing and circuit monitoring using TE test cords • Performance exceeds TIA/EIA Category 6 component specifications • Provides unique patch-by exception functionality	8-pair Ultim8 block (quantity per pack: 10) 96-pair (24-port) field assembly kit, universal mounting system RJ45 plug - Ultim8 UTP 568B PVC patch cord RJ45 plug - Ultim8 UTP 568A PVC patch cord Ultim8 - Ultim8 UTP straight through patch cord	6468 5 060-06 6636 1 596-46 TP6TB-XXYY TP6TB0XXYY TP6TH-XXYY

XX = Color: BL= Blue, WT = White, GY = Gray, GN = Green, YL = Yellow, RD = Red
YY = Length: 04 = 4 ft, 07 = 7 ft, 10 = 10 ft, 15 = 15 ft, 25 = 25 ft, 50 = 50 ft
Contact TE for custom lengths and colors.

Ultim8™ Blocks

Features	Description	Catalog Number
• UL 1863 • UL 94-V0 • Multiple mounting options for all of your voice and data needs	2-port flush mount faceplate 4-port flush mount faceplate 4-port all-fit surface mount box 4-port furniture faceplate	6644 1 152-XX 6644 1 154-XX 6644 1 224-XX 6644 1 144-XX

XX = Color: 01 = White, 02 = Ivory, 03 = Gray, 04 = Black, 22 = Electrical Ivory
See TrueNet Catalog for a wide range of faceplates, surface mount boxes and multimedia boxes.

Faceplate Mounting Options

LINE CARD

connectivity