QuickNet™ Copper Cabling System

The QuickNet™ Copper Cabling System provides a custom, pre-terminated cabling solution which meets unique requirements. Fast and simple to install, the system enables quick network deployment, increased reliability, and lower total cost of ownership as compared to field terminated installations. Engineered for maximum design flexibility and high rack density utilization (up to 48-ports in one rack space), the system offers 100% factory tested pre-terminated cable assemblies in custom lengths and configurations. QuickNet™ Angled and Flat Patch Panels accept QuickNet™ Pre-Terminated Cassettes, Patch Panel Adapters, and Blanks, which snap in and out, with one hand, for quick installation.

Key Features — Benefits

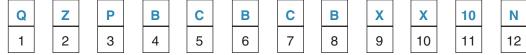| Key Features	Benefits
Pre-terminated	Controlled factory environment provides consistent network performance while reducing installation time and on-site waste as compared to field-terminated installations
100% factory tested	Eliminates the time and cost associated with on-site testing and ensures verified performance (permanent link test data supplied with each cable assembly)
Wide range of cable types and performance levels	Category 6A UTP/STP and Category 6 UTP performance levels available in plenum or riser cable fire ratings
Wide range of termination configurations and custom lengths	Cable assemblies allow customization including pre-terminated cassettes, jack modules, modular plugs, plug packs, and/or unterminated cable options to provide design flexibility for all installations in lengths from 10' to 295' (1' increments)
Pre-terminated cassettes	Snap in and out of QuickNet™ Patch Panels and include an integral release tab to ensure easy on-site moves, adds, and changes
Plug packs	Facilitate quick and easy connection and disconnection to a variety of switches, reducing time and cost associated when installing and maintaining structured cabling links
Patch panel adapter	Snaps in and out of QuickNet™ Patch Panels and accepts Mini-Com® Modules for UTP, fiber optic and audio/visual applications
Standard and high-density solution	QuickNet™ Patch Panels in angled and flat designs enable 24 and 48-ports in one rack unit for efficient rack space utilization
Assembly identification	Each cable assembly label includes part number, performance level, and serialized quality assurance number for future traceability; custom cable assembly and/or individual cable labels available upon request
Integrated bonding and grounding	Innovative shielded cassette and shielded jack design provides linear conductive path for proper bonding to QuickNet™ Shielded Metal Patch Panels
Keyed connectivity (optional)	Mechanically and visually distinguished connectivity prevents unintentional insertion into unlike keyed or non-keyed ports, offering additional network design flexibility and versatility accommodating the need for a more discrete network

Technical Information

- Each QuickNet™ Cable Assembly is factory tested to electrical permanent link specifications
- TX6A™ 10Gig™ Copper Cabling Systems exceed requirements of ANSI/TIA-568-C.2, ISO 110801 Class E_A Edition 2.1, and IEEE 802.3an standards for supporting 10GBASE-T requirements

- TX6500™ and TX6000™ Copper Cabling Systems exceed ANSI/TIA-568-C.2 and ISO 11801 2nd Edition Class E standards
- Jack modules utilize patented Giga-TX™ Technology which optimizes performance by maintaining cable pair geometry and eliminating conductor untwist
- Modular plugs meet all applicable ANSI/TIA-968-A requirements and exceed IEC 60603-7 specifications

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QuickNet™ Cable Assembly Ordering Information

Example:

Q	Z	P	B	C	B	C	B	X	X	10	N
1	2	3	4	5	6	7	8	9	10	11	12

Part number QZPBCBCBXX10N represents a 10 foot QuickNet™ Cable Assembly constructed of blue, plenum, TX6A™ 10Gig™ UTP Copper Cable with Pre-Terminated Cassettes on each end that contain blue TX6A™ 10Gig™ UTP Jack Modules.

1 – Q = QuickNet™

2 – Performance Level
A = Category 6A (TX6A™ 10Gig™) UTP (1st Gen)
Z = Category 6A (TX6A™ 10Gig™) UTP Matrix
X = Category 6A (TX6A-SD™ 10Gig™) UTP SD Matrix
E = Category 6A (TX6A™ 10Gig™) STP
B = Category 6 Enhanced UTP
C = Category 6 UTP

3 – Flame/Smoke Rating
R = Riser or P = Plenum

4 – Cable Color
B = Blue or W = White

5 – Termination End 1
C = Cassette, J = Jack modules
P = Modular plugs
K = Jack modules staggered right
L = Jack modules staggered left
Q = Modular plugs staggered right
S = Modular plugs staggered left

6 – Termination End 1 Jack Module Color*
B = Blue, E = Electric Ivory, G = Green,
H = Off White, I = International Gray,
L = Black, O = Orange, R = Red,
V = Violet, W = White, Y = Yellow
X = Color option not available for modular plugs or unterminated options (Shielded jack modules available in Black only)

7 – Termination End 2
A = Plug Pack (6 pack)
C = Cassette, J = Jack modules
P = Modular plugs
K = Jack modules staggered right
L = Jack modules staggered left
Q = Modular plugs staggered right
R = Recessed plug pack (6 pack)
S = Modular plugs staggered left
U = Unterminated
O = Unterminated with cassette and jack modules for on-site termination

8 – Termination End 2 Color*
B = Blue, E = Electric Ivory, G = Green,
H = Off White, I = International Gray,
L = Black, O = Orange, R = Red,
V = Violet, W = White, Y = Yellow
S = Silver (Recessed plug pack only)
X = Color option not available for modular plugs or unterminated options (Shielded jack modules available in Black only)

9 – Assembly Options
P = Pulling Eye
X = No assembly options requested

10 – Custom Labeling**
L = Custom assembly label,
C = Custom cable labels
B = Custom assembly and cable labels
X = No custom labels requested

11 – Assembly Length
10' – 295' (1' increments)

12 – N = Custom Assembly

QuickNet™ Patch Panels and Accessories Ordering Information

Part Number	Part Description	No. of^ Rack Spaces	Std. Pkg. Qty.
QAPP24BL	Angled 24-port patch panel.	1	1
QAPP48HDBL	Angled 48-port high density patch panel.	1	1
QAPP48HDVNSBL	Angled 48-port high density patch panel with pre-printed vertical numbering on each port for switch applications.	1	1
QPP24BL	Flat 24-port patch panel.	1	1
QPP48HDBL	Flat 48-port high density patch panel.	1	1
QPP48HDVNSBL	Flat 48-port high density patch panel with pre-printed vertical numbering on each port for switch applications.	1	1
QSP24BL	Flat 24-port shielded all metal patch panel, for use with shielded QuickNet™ Pre-Terminated Cassettes and Shielded Jack Modules.	1	1
QSP48HDBL	Flat 48-port shielded all metal patch panel, for use with shielded QuickNet™ Pre-Terminated Cassettes and Shielded Jack Modules.	1	1
QASP24BL	Angled 24-port shielded all metal patch panel, for use with shielded QuickNet™ Pre-Terminated Cassettes and Shielded Jack Modules.	1	1
QASP48HDBL	Angled 48-port shielded all metal patch panel, for use with shielded QuickNet™ Pre-Terminated Cassettes and Shielded Jack Modules.	1	1
QPPABL	Patch panel adapter accepts all Mini-Com® Modules for multimedia applications.	—	1
QPPBBL	Patch panel blank reserves space for future use and promotes proper airflow and cooling.	—	1
QPPLC24	Label/label cover kit for 24-port QuickNet™ Patch Panels.	—	1
QPPRT	Removal tool allows individual cables to be removed from plug pack without disruption of other network connections.	—	1
QPPLD6-X	Lock-in device prevents unauthorized removal of cables from the plug pack.	—	10
QPP6***	QuickNet™ Plug Pack individual housing accepts six RJ45 modular plugs.	—	1
QPPR6S	QuickNet™ Recessed Plug Pack individual housing accepts six RJ45 modular plugs.	—	1

^One rack space = 1.75" (44.45mm).
*Color option not available for modular plugs or unterminated options. All modular plugs are clear and shielded jack modules are black. Plug packs available in B = Blue, W = White, R = Red, or L = Black. Recessed plug packs are available in silver.
**Custom cable assembly labels are available up to eighteen characters; individual cable labels are available up to fifteen characters.
All connectivity is wired T568B. Category 6 Enhanced performance level utilizes Panduit® TX6500™ Category 6 UTP Cable. Permanent link test results shipped with each cable assembly, alien crosstalk test result available as option for Category 6A cabling. All custom cable assemblies are non-refundable, minimum order quantity one. All metal patch panels accept shielded cassettes, contact customer service or visit www.panduit.com.
***For color designation substitute with BL (Black), BU (Blue), RD (Red) or WH (White).

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference COCB14

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