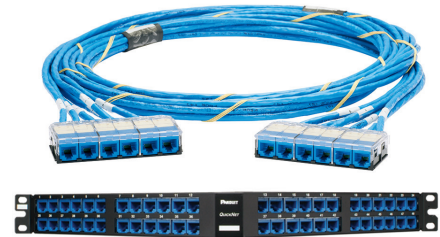# QuickNet™ Copper Cabling System

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 lowest total cost of ownership as compared to field terminated installations. Engineered for maximum design flexibility and high rack density utilisation (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.
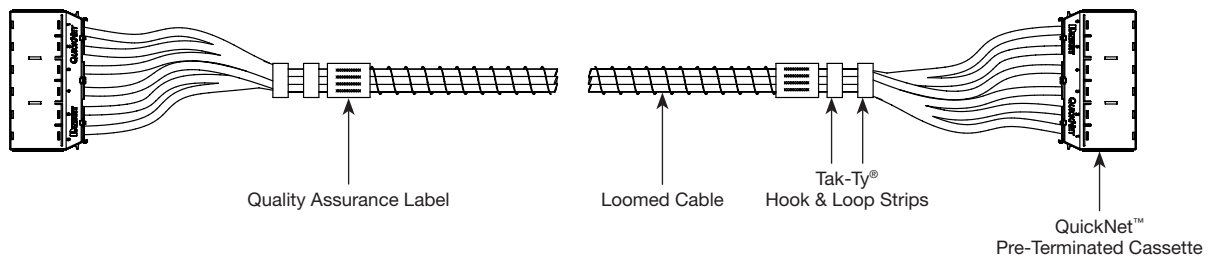
Key Features / Benefits

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/FTP and Category 6 UTP performance levels available in Euroclass cable flame ratings
Wide range of termination configurations and custom lengths	Cable assemblies allow customization including pre-terminated cassettes, jack modules, modular plugs, and/or unterminated cable options to provide design flexibility for all installations in lengths from 3' to 90m
Modular design	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
	Patch panel adapter accepts Mini-Com™ Modules for UTP, fibre 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 utilisation
Assembly identification	Each cable assembly label includes part number, performance level, and serialized quality assurance number for future traceability

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

- LSZH rated cables will be marked with the appropriate CPR Euroclass for the cable. Assemblies are not covered by CPR.

- TX6000™ Copper Cabling System exceeds ANSI/TIA-568-C.2 and ISO 11801 2nd Edition Category 6/Class E standards

- Jack modules utiise patented Giga-TX™ Technology which optimises performance by maintaining cable pair geometry and eliminates conductor untwist

- Modular plugs meet all applicable ANSI/TIA-568-C.2 requirements and exceed IEC 60603-7 specifications

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Quality Assurance Label

Loomed Cable

Tak-Ty®
Hook & Loop Strips

QuickNet™
Pre-Terminated Cassette

Example:

Q	Z	L	W	C	C	L	0	0	0	1	M	0	1	0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Copper QN Trunk, Cat6A, UTP VariMaTriX, LSZH, White Cable, End 1 Cassette, End 2 Cassette, Black Jacks, Standard Pkg, 10 Metres

1 – Q = **QuickNet™**

2 – Performance Level
  C = Category 6 UTP
  Z = Category 6A UTP Vari-MaTriX

3 – Flame Rating
  L = LSZH
  P = Plenum

4 – Cable Colour
  W = White

5 – Termination End 1
  C = Cassette
  J = Jack modules
  P = Modular plugs

6 – Termination End 2
  C = Cassette
  J = Jack modules
  P = Modular plugs
  U = Unterminated

7 – Termination Colour Options
  Jack Module Colour Options
  B = Blue, L = Black, R = Red, W = White,
  Shielded Jack Modules, choose option L
  (all Shielded Jack Modules are Black)
  Modular Plug and Unterminated Colour Options
  X = No colour option available, End 1 and End 2 are
  plug and/or unterminated

8-11 – Serial Code

0001 No Variation

000B End 2 Unterminated with loose blue jacks and cassette

000Y End 2 Unterminated with loose black jacks and cassette

0013 End 2 Unterminated with loose red jacks and cassette

0017 End 2 Unterminated with loose white jacks and cassette

12 – Unit of Measure
  M = Metres

13, 14, 15 – Assembly Length**
  Metres = 003 to 090

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QuickNet™ Patch Panel and Accessories Ordering Information

Part Number	Part Description	No. of ˆ 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
QPPAB	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
QPPN6***	QuickNet™ Plug Pack individual housing accepts six RJ45 modular plugs	—	1
QPPNR6S	QuickNet™ Recessed Plug Pack individual housing accepts six RJ45 modular plugs	—	1

^One rack space = 1.75" (44.45mm).
*All connectivity is wired T568B. Category 6 Enhanced Performance level utilses Panduit® TX6500™ Category 6 UTP Cable.
Permanent link test results shipped with each cable assembly.
**QuickNet™ Patch Panels also available in White (WH).

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

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