More Meaningful Connections

NetKey™ Cabling System – Latin America

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infrastructure for a connected world

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NetKey™ Cabling System

The NetKey™ Copper and Fiber Cabling System provides a complete, standards compliant cabling infrastructure solution for voice, data and video applications. NetKey™ Modules feature the universal "keystone" design and are compatible with a wide assortment of modular patch panels, faceplates, and surface mount boxes. When teamed with complementary Panduit products, the NetKey™ Solutions cover all your needs from the telecommunication room to the work area with the proven innovation and quality you depend on from Panduit.

NetKey™ Jack Modules, Patch Cords, and Copper Cable

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NetKey™ Modular Patch Panels

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NetKey™ Faceplates and NetKey™ Stainless Steel Faceplates

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NetKey™ Category 6A, 6, and 5e Jack Modules

- Meet industry performance standards for Category 6A, 6, and 5e
- Punchdown Jack Modules are 100% performance tested and individually serialized for future traceability
- Keystone punchdown jacks meet ANSI/TIA-568.2-D and ISO 11801 component requirements

- Snap in and out of keystone openings for easy moves, adds, and changes
- Universal label includes T568A and T568B wiring schemes

NK6X88MBU

NK688MBU

NK5E88MBUY

Part Number	Performance Level	Termination Style	Color
NK6X88MBU	Category 6A	Punchdown	Blue
NK6X88MBU-Q			
NK688MBU	Category 6		
NK688MBU-Q			
NKP5E88MBU	Category 5e		
NKP5E88MBU-Q			
NK5E88MBUY		Leadframe	

Termination tools found on page 11. Replace 'BU' with: AW (Arctic White), BL (Black), EI (Electric Ivory), GR (Green), IG (International Gray), IW (International White), OR (Orange), RD (Red), VL (Violet), WH (White), YL (Yellow). Available color options may vary.

NetKey™ Category 6A, 6, and 5e Unshielded Copper Cable

- Small diameter allows for improved pathway capacity, tighter bend radius and increased flexibility and ease during installation
- Third party tested by an independent laboratory and complies with the electrical channel requirements of ANSI/TIA-568.2-D and ISO 11801

- Complies with IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt for PoE applications

NUL6C04BU-FE

NUL5C04BU-CE

Part Number	Gauge (AWG)	Flammability Rating	Color
Category 6A U/UTP 4 Pair Copper Cable			
NUC6X04BU-FEG	23	CM	Blue
NUL6X04BU-VEG		LSZH (IEC 60332-1 and IEC 60332-3-22)	
Category 6 U/UTP 4 Pair Copper Cable			
NUC6C04BU-FE	24	CM	Blue
NUL6C04BU-FE		LSZH (IEC 60332-1 and IEC 60332-3-22)	
NUR6C04BU-C		CMR	
NUV6C04BU-VE		PVC	
Category 6 U/UTP 4 Pair Copper Cable - Reduced Diameter			
NUC6CR04BU-CE	24	CM	Blue
NUL6CR04BU-CE		LSZH (IEC 60332-1)	
Category 5e U/UTP 4 Pair Copper Cable			
NUC5C04BU-CE	24	CM	Blue
NUL5C04BU-CE		LSZH (IEC 60332-1)	
NUR5C04BU-C		CMR	

Available options may vary; please see panduit.com for details.

NetKey™ Category 6A, 6, and 5e U/UTP Copper Patch Cords

• Meet industry performance standards for Category 6A, 6, and 5e
• 100% performance tested

• Available in a variety of colors and lengths for design flexibility

NK6APC3BU

NK5EPC3BUY

Part Number	Performance Level	Lengths Ft.	Color
NK6APC3BU	Category 6A		
NK6PC3BUY	Category 6	3 – 10,15	Blue
NK5EPC3BUY	Category 5e		

Replace '3' in the part number with the desired cord length (in feet). Replace 'BU' with: BL (Black), GR (Green), leave blank for IW (International White), OR (Orange), RD (Red), YL (Yellow). Available length and color options may vary.

NetKey™ Modular, Flush Mount, and Punchdown Patch Panels

• Modular patch panels accept NetKey modules, which snap in and out for easy moves, adds, and changes
• Angled style facilitates proper bend radius control and minimizes the need for horizontal cable managers

• Select modular patch panels have a front access design that includes faceplates with easy snap release feature

NKFP12W

NKFP24Y

Part Number	Ports	RU	Identification
Modular Patch Panels			
NKFP12W	12	-	Adhesive
NKFP24Y	24	1	
NKFP48Y	48	2	
NKFPL24	24	1	Label Pocket
NKFPL48	48	2	
NKFPA24	24	1	Adhesive
NKFPA48	48	2	
NKFPAL24	24	1	Label Pocket

NetKey™ Modular, Flush Mount, and Punchdown Patch Panels (continued)

NKFP48Y

NKPPA48FMY

NK6XPPG24Y

NKA6XPPG24Y

NK6PPG12WY

Part Number	Ports	RU	Color
Flush Mount Patch Panels			
NKPP24FMY	24	1	Black
NKPP48FMY	48	2	
NKPPA24FMY	24	1	
NKPPA48FMY	48	2	
NKPP48HDY	48	1	
NKPPA48HDY	48	1	
NKPP24FMWH	24	1	White
NKPP48FMWH	48	2	
NKPPA24FMWH	24	1	
NKPPA48FMWH	48	2	
NKPP48HDWH	48	1	
NKPPA48HDWH	48	1	
Category 6A Punchdown Patch Panels			
NK6XPPG24Y	24	1	Black
NK6XPPG48Y	48	2	
NKA6XPPG24Y	24	1	
NKA6XPPG48Y	48	2	
Category 6 Punchdown Patch Panels			
NK6PPG24Y	24	1	Black
NK6PPG48Y	48	2	
NK6PPG12WY	12	-	
NKA6PPG24Y	24	1	
NKA6PPG48Y	48	2	
Category 5e Punchdown Patch Panels			
NK5EPPG24Y	24	1	Black
NK5EPPG48Y	48	2	
NK5EPPG12WY	12	-	
NKA5EPPG24Y	24	1	
NKA5EPPG48Y	48	2	

Termination tools can be found on page 11.

Patch Panel Accessories

CPAF2BLY

SRBBRKT

WB89D

Part Number	Type	Style	Color
SRB19BLY	Strain Relief Bar	Extended	Black
SRB19D5BL		Deep	
SRB19D7BL			
SRBBRKT	Mounting Bracket	Quick Release	
CPAF1BLY	Filler Panel	Angled	
CPAF2BLY			
CPATCBL	Transitional Cover		
WB89D	Bracket	89D	White

NetKey™ Faceplates

- Accept all NetKey Modules
- Replacement label/label covers available for select products
- Non-label faceplates include screws with matching color head screws

NK1FNIW NK2FNIW NK3FNIW NK4FNIW

NK1FIWY NK2FIWY NK4FIWY NK6FIWY

NK8FIW NK12FIWY NK2HSFIWY NK4HSFIWY
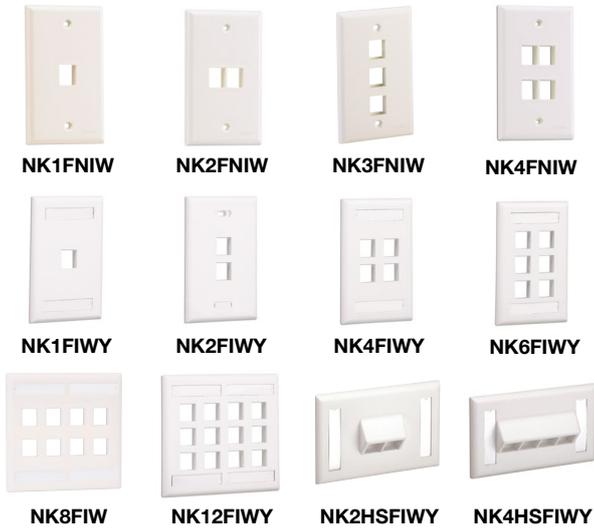
Part Number	Ports	Style	Identification
NK1F**Y	1	Flat	Label Pocket
NK2F**Y	2		
NK4F**Y	4		
NK6F**Y	6		
NK8F**Y	8		
NK12F**Y	12		
NK4VSF**	4	Vertical, Sloped	
NK2HSF**Y	2	Horizontal, Sloped	
NK4HSF**Y	4		
NK1FN**	1	Flat	Adhesive
NK2FN**	2		
NK3FN**	3		
NK4FN**	4		

Replace '**' with appropriate two-character color designation: BL (Black), EI (Electric Ivory), IG (International Gray), IW (International White), WH (White). Available options may vary.

NetKey™ Stainless Steel Faceplates

- Impact-resistant 304 stainless steel for light industrial environments

NKF2S NKF4S NKF6S

Part Number	Ports	Style	Identification
NKF2S	2	Flat	Label Pocket
NKF4S	4		
NKF6S	6		

NetKey™ Phone Faceplates

KWPY KWP5EY KWP6PY

Part Number	Ports	Style	Performance Level
KWPY		Accepts 1 NetKey Module	—
KWP6PY	1	Punchdown	Category 6
KWP5EY			Category 5e

Termination tools found on page 11. Compatible with wall mountable phones with short patch cord connections to the jack module.

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NetKey™ Faceplate Inserts and Frames

NKHS2IW-X **NKHS2SIW-X**

NKHF2MIW-X **CHB2MIW-X**

Part Number	Ports	Style	Size
Inserts and Blank Modules			
NKHF2M**-X		Flat	1/3
NKHS2**-X	2	Sloped	1/2
NKHS2S**-X		Sloped, Shuttered	1/2
Frames			
CBE**Y	Single Gang	Executive	—
CBE**-2GY	Double Gang	Executive	—

Replace '**' with appropriate two-character color designation: AW (Arctic White), BL (Black), EI (Electric Ivory), IG (International Gray), IW (International White), WH (White). Available options may vary.

NetKey™ Audio/Visual Modules and Inserts

NKFIW **NK35MSSIW** **NK35MSCIW**

NKHDMIIW **NKUSBAAIW** **NKBMIW-X**

CHD9CIWY **CHD15HDCIWY** **CHD15HDSCIWY**

Part Number	Description
Modules	
NKF**	Keystone F-type 3 Ghz coupler module.
NK35MSS**	Keystone 3.5mm (1/8") stereo solder type headset connector.
NK35MSC**	Keystone 3.5mm (1/8") stereo headset connector.
NKHDM**	Keystone HDMI 2.0 Type A female to female coupler module.
NKUSBAA**	Keystone USB 2.0 female A to female A coupler.
NKBM**-X	Blanks Out 1 Port.
Inserts	
CHD9C**Y	1/3 Insert with 9-pin female to female coupler.
CHD15HDC**Y	1/3 insert with 15-pin female to female coupler (SVGA compatible).
CHD15HDSC**Y	1/3 insert with 15-pin HD screw-down DB connector mounted to printed circuit board (SVGA compatible).

Replace '**' with appropriate two-character color designation: AW (Arctic White), BL (Black), EI (Electric Ivory), IG (International Gray), IW (International White), WH (White).
Available options may vary.
Inserts are intended for use with CBE**Y and CBE**-2GY frames.

NetKey™ Surface Mount Boxes

- Mount easily with supplied mounting screws, adhesive tape, or optional magnet
- Cable entry from side knockouts

NK2BXIW-A   NK4BXIW-AY

NK6BXIW-AY

Part Number	Ports	Style	Identification
NK2BX**-A	2	Elongated	Adhesive
NK4BX**-AY	4	Elongated	Label Pocket
NK6BX**-AY	6	Elongated with Fiber Spool	Adhesive

Replace '**' with appropriate two-character color designation: AW (Arctic White), BL (Black), EI (Electric Ivory), IG (International Grey), IW (International White), WH (White). Available options may vary.

NetKey™ Furniture Faceplates

- Compatible with standard furniture opening

NK4MFABL

Part Number	Style	Color	Identification
NK4MF**	Flat	Black	Adhesive
NK4MFLBL	Flat	Black	Label Pocket
NK4MFABL	Sloped	Black	Adhesive

Replace '**' with appropriate two-character color designation: AW (Arctic White), BL (Black), EI (Electric Ivory), IG (International Grey), IW (International White), WH (White). Available options may vary.

Keystone Shielded Jacks

KJS6X88TC **KJS6X88TCBL**

KJS6X88TCBU

Part Number	Performance Level	Termination Style	Color
KJS6X88TC			Metal
KJS6X88TCBU	Category 6A	TG	Blue
KJS6X88TCBL			Black

For use with Keystone Shielded Patch Panels and KFPL Keystone Outlets.
May not work with some NetKey Outlets and Patch Panels.

Keystone Shielded Patch Panels

KPS24BL **KP24WSBL**

KPA24WSBL **KP24APWSBL**

KPA48WSBL

Part Number	Ports	RU	Identification
KPS24BL			
KP24WSBL			Label Pocket
KPA24WSBL	24	1	
KP24APWSBL			None
KPA48WSBL	48	2	

For use with Keystone shielded jacks only.

Keystone Shielded Outlets

KFPL80S2SWH **KFPL86S2SWH**

Part Number	Ports	Style	Identification
KFPL80S2SWH			
KFPL86S2SWH	2	Sloped	Label Pocket

For use with Keystone shielded jacks only.

TX6A™ 10 Gig Shielded Copper Patch Cords

STP6X3MIG

Part Number	Conductor Gauge (AWG)	Cable Diameter In. (mm)	Jacket Type
STP6X^M**	26	0.24 (6.1)	CM/LSZH

See panduit.com for available length (^) and color (**) options

NetKey™ Category 6A and Category 6 Shielded Copper Cable

- Small diameter allows for improved pathway capacity, tighter bend radius and increased flexibility and ease during installation
- Third party tested by an independent laboratory and complies with the electrical channel requirements of ANSI/TIA-568.2-D and ISO 11801

- Complies with IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt for PoE applications

PFL6X04BU-CEG

Part Number	Gauge (AWG)	Flammability Rating	Color
Category 6A F/UTP 4 Pair Copper Cable			
PFC6X04BU-CEG		CM	
PFL6X04BU-CEG	23	LSZH (IEC 60332-1 and IEC 60332-3-22)	Blue
PFZ6X04BU-CEG		LSZH (IEC 60332-3-25)	
Category 6 F/UTP 4 Pair Copper Cable			
PFC6004BU-G	23	CM	Blue
PFL6004BU-G		LSZH (IEC 60332-1)	

Available options may vary; please see panduit.com for details.

Termination Tools

PDT110   **CJT**

NKSPB

Part Number	Description
Pan-Punch™ Termination Tool	
PDT110	Single pair punchdown tool and blade.
PDTH110	Replacement blade for single pair punchdown tool (PDT110).
NKSPB	Base used to assist in terminating punchdown modules.
NetKey™ Jack Module Termination Tool	
CJT	Leadframe module termination tool.

NetKey™ Fiber Optic Adapters

NKSCMZIW

Part Number	Adapter Type	Alignment Sleeve
NKDLCMZ**	Duplex LC	Zirconia Ceramic
NKSCMZ**	Simplex SC	

NetKey™ Fiber Enclosures

- Slide-out drawer slides forward a full 300mm for service access to all fiber terminations, connections, and/or splices
- Mounting hardware and fiber routing accessory kit included
- Supports fusion splicing with appropriate slack storage and cable management provisions

- Simple two-piece, all-metal body construction for easy and economical installation with no loose components to misplace; improved protection over plastic fiber drawers

NKFD1W12BUDLCZ

Part Number	Adapter Type	Fiber Type	Number of Adapters
NKFD1W12BUDLCZ	LC Duplex	Singlemode	12
NKFD1W24BUDLCZ			24
NKFD1W6BUDSCZ	SC Simplex		6
NKFD1W12BUDSCZ			12

NetKey™ Fiber Optic Patch Cords and Pigtails

- Compliant with ANSI/TIA 568-D.3-1 and ISO/IEC 11801
- 100% performance testing assures that patch cords and pigtails are standards compliant
- Q.C. identification label quality control reference provides lifetime traceability of test data

ST to ST Patch Cord

SC to SC Patch Cord

LC to LC Patch Cord

SC to LC Patch Cord

Part Number	Performance	Connectorization	Jacket
9µm Singlemode Patch Cords			
NKFP92ERLLSM***	OS2	Duplex LC to Duplex LC	OFNR (Riser)
NKFP92ERLSSM***		Duplex LC to Duplex SC	
NKFP923RSSSM***		Duplex SC to Duplex SC	
NKFP923R22SM***		ST to ST	
50µm Multimode Patch Cords			
NKFPX2ERLLSM***	OM3	Duplex LC to Duplex LC	OFNR (Riser)
NKFPX2ERLSSM***		Duplex LC to Duplex SC	
NKFPX23RSSSM***		Duplex SC to Duplex SC	
NKFPX23R22SM***		ST to ST	
NKFPZ22RLLSM***	OM4	Duplex LC to Duplex LC	
9µm Singlemode Pigtail Cords			
NKFP91BN1NNM***	OS2	LC to 900µm Pigtail	—
NKFP91BN3NNM***		SC to 900µm Pigtail	
NKFP91BN2NNM***		ST to 900µm Pigtail	
50µm Multimode Pigtail Cords			
NKFPX1BN1NNM***	OM3	LC to 900µm Pigtail	—
NKFPX1BN3NNM***		SC to 900µm Pigtail	
NKFPX1BN2NNM***		ST to 900µm Pigtail	
NKFPZ1BN1NNM***	OM4	LC to 900µm Pigtail	
9µm Singlemode Pigtail Kits			
NKFP91BN1NKM***	OS2	12-Color LC to 900µm Pigtail Set	—
50µm Multimode Pigtail Kits			
NKFPX1BN1NKM***	OM3	12-Color LC to 900µm Pigtail Set	—

See panduit.com for available length (***) options.

Racks

R2P

Part Number	Height In. (mm)	Width In. (mm)	Depth In. (mm)	No. of Rack Units	Equipment Rails	Load Capacity Lbs.	Color
R2P	84.0 (2134)	20.3 (516)	3.0 (76)	45	#12-24 Threaded	1000	Black
R4P		23.3 (591)	30.0 (762)			2500	

Cable Managers

- Cable management products and accessories maintain bend radius control and cable performance while bundling and securing cable to prevent snags and stress from over-bending

WMP1E

WMPV45E **WMPFSE**

CMPH1

CMPH2

CMPHF1

Part Number	Description	Height In. (mm)	Width In. (mm)	Depth In. (mm)	No. of Rack Units	Color
WMPFSE	NetRunner™ Horizontal Cable Manager, front only.	1.70 (44.1)	19.0 (483)	3.7 (93.7)	1	Black
WMPV45E	NetRunner™ Front and Rear Vertical Cable Manager with dual hinged cover, wire retainers, and side mount brackets.	83.0 (2108)	4.90 (125)	12.0 (306)	45	
WMPSE	PatchLink™ Front and Rear Horizontal Cable Manager with dual hinged cover.	1.70 (44.1)	19.0 (483)	8.90 (226)	1	
WMP1E	PatchLink™ Front and Rear Horizontal Cable Manager with dual hinged cover.	3.50 (88.9)			2	
CMPH1	OpenAccess™ Front and Rear Horizontal Cable Manager with optional snap-on cover.	1.72 (4.37)		8.60 (218)	1	
CMPH2	OpenAccess™ Front and Rear Horizontal Cable Manager with optional snap-on cover.	3.47 (88.1)			2	
CMPHF1	OpenAccess™ Front only Horizontal Cable Manager with optional snap-on cover, single sided.	1.70 (44.0)			1	

Rack Mount Shelves

SRM19FM1

SRM19FM2

Part Number	No. of Rack Units	Load Rating Lbs.	Material	Color
SRM19FM1	1	30	Steel	Black
SRM19FM2	2	50		

Grounding

RGS134-1Y

GPQC10-1/0

RGCBNJ660P22

Part Number	Description
RGS134-1Y	Rack grounding strip provided with 5cc of antioxidant, one grounding sticker, and three M6 x 12mm and #12-24 x 1/2" thread-forming screws. Dimensions: 78.65" (2mm) L x 0.67" (17mm) W x 0.05" (1.27mm) D.
GPQC10-1/0	Access floor grounding clamp for 7/8" square, 1" round, and 1-1/8" round pedestals.
RGCBNJ660P22	Jumper Kits, Common Bonding Network (CBN), #6 AWG (16mm²) Jumper, 60 (1.52m) Length.

PANDUIT™

Panduit Corp.
World Headquarters
Tinley Park, IL 60487

800.777.3300

www.panduit.com