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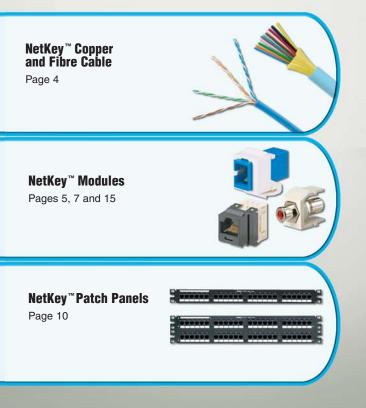


building a smarter, unified business foundation Connect. Manage. Automate.



NetKey™ Cabling System

The NetKey[™] Copper and Fibre 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.

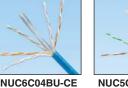






NetKey™ Copper Cable

- Meets ISO/IEC Category 6/Class E and Category 5e/Class D performance requirements
- Descending length cable markings enable easy identification of remaining cable





NUC5C04BU-CE

Third party verified

• 305m (1,000 ft.) in an easy-pay-out box

Part Number	Description		
NetKey [™] Category 6 UTP Copper Cable			
NUL6C04BU-CE^^	ategory 6, low smoke zero halogen (LSZH), 4-pair, UTP, blue copper cable.		
NUC6C04BU-CE^	Category 6, PVC (CM), 4-pair, UTP, blue copper cable.		
NetKey [™] Category 5e UTP Copper Cable			
NUL5C04BU-CE^^	Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP, blue copper cable.		
NUC5C04BU-CE^	Category 5e, PVC (CM), 4-pair, UTP, blue copper cable.		

^For standard colours replace colour suffix BU (Blue) with IG (International Grey).
^^ For standard colours replace colour suffix BU (Blue) with WH (White) or VL (Violet).

Fibre Optic Distribution Cable

- Used in intrabuilding backbone, building backbone, and horizontal installations for low smoke zero halogen (LSZH), and general-purpose environments
- Used in intrabuilding backbone, building backbone, and horizontal installations for riser (OFNR), and general-purpose environments
- Singlemode (OS1) and multimode (OM1, OM2, OM2+ 10Gig[™] 150, and OM3 10Gig[™] 300 850nm laser optimised) fibre available
- Sheath markings provide positive identification, quality, traceability and length verification
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- 900µm standards-based colour-coded buffer coating protects fibres during handling and allows for easy identification and stripping
- Opti-Core[™] 10Gig[™] Cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 metres with an 850nm source per IEEE 802.3ae 10 GbE Standard; backward compatible for use with all 50/125µm system requirements
- 10Gig[™] Fibre Optic Indoor/Outdoor Cable includes 10Gig[™] 300 OM3 Cable for 300 metre reach requirements and also 10Gig[™] 150 OM2+ Cable for 150 metre reach requirements



Fibre Optic LSZH Distribution Cable

Part Number	Description
FPDL908	8-fibre 9/125 μ m (OS1) singlemode low smoke zero halogen rated distribution cable.
FPDL912	12-fibre 9/125 μm (OS1) singlemode low smoke zero halogen rated distribution cable.
FPDL608	8-fibre 62.5/125 μ m (OM1) multimode low smoke zero halogen rated distribution cable.
FPDL612	12-fibre 62.5/125µm (OM1) multimode low smoke zero halogen rated distribution cable.
FPDL508	8-fibre 50/125µm (OM2) multimode low smoke zero halogen rated distribution cable.
FPDL512	12-fibre 50/125µm (OM2) multimode low smoke zero halogen rated distribution cable.
FQDLX08	8-fibre 10Gig [™] 50/125μm (OM3) multimode low smoke zero halogen rated distribution cable.
FQDLX12	12-fibre 10Gig [™] 50/125µm (OM3) multimode low smoke zero halogen rated distribution cable.

These products are available for sale in the EMEA region only. Lengths and availability: Opti-Core[™] Fibre Optic Distribution Cable is available in 10 metre increments greater than 1000 metres. Other custom length options are available that include jacket colours, hybrid constructions (multiple fibre types within a single cable), flame ratings, subunit counts, amoring, indoor/outdoor designs, premium optical performance grades and ribbonised constructions. Contact Customer Service (+44 20 8601 7200) for available configurations and lead times.

NetKey™ Copper Category 6, 5e and 3 Jack Modules

- Meet all industry performance standards for Category 6, 5e and 3
- Punchdown jack modules are 100% performance tested and individually serialized for future traceability
- Snap in and out of keystone openings for easy moves, adds and changes
- Universal label includes T568A and T568B wiring schemes



Part Number	Description	Colour
NetKey [™] Catego	ry 6 UTP Jack Modules*	
NK688MIW	Category 6, 8-position, 8-wire, keystone punchdown jack module.	Off White
NK688MIW-Q	Convenience pack of 25, Category 6, 8-position, 8-wire, keystone punchdown jack modules.	Off White
NetKey [™] Catego	ry 5e UTP Jack Modules*	
NKP5E88MIW	Category 5e, 8-position, 8-wire, keystone punchdown jack module.	Off White
NKP5E88MIW-Q	Convenience pack of 25, Category 5e, 8-position, 8-wire, keystone punchdown jack modules.	Off White
NK5E88MIIW	Category 5e, 8-position, 8-wire, keystone leadframe jack module.	Off White
NK5E88MIW-Q	Convenience pack of 25, Category 5e, 8-position, 8-wire, keystone leadframe jack modules.	Off White
NetKey [™] Catego	ry 3 UTP Jack Modules**	
NK388MIWY	Category 3, 8-position, 8-wire, keystone leadframe jack module.	Off White
NK366UMIWY	Category 3, 6-position, 6-wire, keystone leadframe jack module. Termination cap colour-coded to USOC wiring scheme.	Off White
NK366MIWY	Category 3, 6-position, 6-wire, keystone leadframe jack module.	Off White

(Violet).

To order convenience package of 25 jack modules, add –Q to end of part number.

** For standard colours replace colour suffix with IW (Off White), EI (Electric Ivory), IG (International Grey), WH (White) or BL (Black).

Termination tools found on page 13.

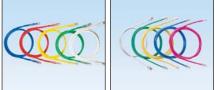
NetKey™ Copper UTP Patch Cords

• Meet all industry performance standards for Category 6 and 5e

NK5EPC^*Y

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

• 100% performance tested



NK6PC^*Y

Part Number	Description		
Category 6			
NK6PC^M*Y	Category 6, UTP patch cord with modular plugs on each end.		
Category 5e			
NK5EPC^M*Y	Category 5e, UTP patch cord with modular plugs on each end.		
^Available in 1, 2, 3, 4	4, 5 metre lengths.		

*For standard colours other than Off White, add suffix BU (Blue), RD (Red), YL (Yellow) or GR (Green) before Y in the part number. For example, the part number of a blue, Category 6, 5-metre patch cord is NK6PC5MBUY.



NetKey™ Fibre Optic Connectors

- Meets TIA/EIA-568-C.3 requirements
- Insertion loss: 0.1dB typical (multimode), 0.2dB typical (singlemode)
- Return loss: >20dB (multimode), >40dB (singlemode)
- Each duplex plug includes housing, insert, two ferrule assemblies, two crimp sleeves, one boot for 3mm jacketed cable and two dust caps

		Part Number	Description		
		LC Connectors – Pot and Polish Termination			
State and		NKFLCSMWH	LC 62.5/125 μ m multimode simplex connector. EI (Electric Ivory) body, WH (White) boot.		
4		NKFLCSMBL	LC 50/125µm multimode simplex connector. EI (Electric Ivory) body, BL (Black) boot.		
NKFLCSMWH	NKFLCCLIP-L	NKFLCSMAQ	LC 50/125µm OM3/OM4 multimode simplex connector. EI (Electric Ivory) body, AQ (Aqua) boot.		
		NKFLCSSWH	LC singlemode simplex connector. BU (Blue) body, WH (White) boot.		
	Contractor of the	NKFLCCLIP-L	LC duplex clip, (Rd) Red.		
	And the second s	SC Connectors – Po	ot and Polish Termination		
		NKFSCMWH	SC 62.5/125µm multimode simplex connector. EI (Electric Ivory) body, WH (White) boot.		
NKFSCMBL	NKFSCMPC5BL	NKFSCMBL	SC 50/125µm multimode simplex connector. EI (Electric Ivory) body, BL (Black) boot.		
		NKFSCMAQ	SC 50/125µm OM3/OM4 multimode simplex connector. El (Electric Ivory) body, AQ (Aqua) boot.		
		NKFSCSWH	SC singlemode simplex connector. BU (Blue) body, WH (White) boot.		
		NKFSCCLIP-L	SC Duplex Clip, (Rd) Red.		
		SC Connectors – Pr	e-Polished Cam Termination		
NKFSCCLIP-L		NKFSCMPC6EI	SC Opticam [™] Composite Ferrule 62.5/125µm multimode simplex connector, Electric Ivory.		
		NKFSCMPC5BL	SC OptiCam [™] Composite Ferrule 50/125µm multimode simplex connector, Black.		
A COL		ST Connectors – Po	t and Polish Termination		
NA ANA		NKFSTMABL^^	ST multimode connector with Black boot (62.5/125µm or 50/125µm).		
N 10 1 50		NKFSTSABU	ST singlemode connector with Blue boot.		
NKFSTMABL^^	NKFSTMPC6EI	ST Connectors – Pr	e-polish Cam Termination		
INCESTINADE	NAFSINFULL	NKFSTMPC6EI	ST OptiCam [™] Composite Ferrule 62.5/125µm multimode simplex connector, Electric Ivory.		
		NKFSTMPC5BL	ST OptiCam [™] Composite Ferrule 50/125µm multimode simplex connector, Black.		
		MKFSTMABL also a	vailable with red boot, replace BL (Black) in part number with RD (Red).		

NetKey[™] Fibre Enclosures

- Factory configured with 6 or 12 duplex LC or SC adapters for fast and easy cabling and installation
- Slide-out drawer slides forward a full 300mm for service access to all fibre terminations, connections and/or splices
- Supports both field termination via pot-and-polish using Panduit[™] NetKey[™] Connectors, or 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 fibre drawers



NKFD1W12EIDLC

Part Number	Description			
OM1 Duplex Adapters				
NKFD1W12EIDSC*	Pre-loaded fibre drawer with 12 SC duplex adapters for $62.5/125\mu m$ (OM1) multimode fibre.			
NKFD1W24EIDLC**	Pre-loaded fibre drawer with 24 LC duplex adapters for 62.5/125 μm (OM1) multimode fibre.			
OM2 Duplex Adapters				
NKFD1W12BLDSC*	Pre-loaded fibre drawer with 12 SC duplex adapters for 50/125 μ m (OM2) multimode fibre.			
NKFD1W24BLDLC**	Pre-loaded fibre drawer with 24 LC duplex adapters for 50/125 μ m (OM2) multimode fibre.			
OM3/OM4 Duplex Ad	lapters			
NKFD1W12AQDSC*	Pre-loaded fibre drawer with 12 SC duplex adapters for 50/125 μm (OM3/OM4) multimode fibre.			
NKFD1W24AQDLC**	Pre-loaded fibre drawer with 24 LC duplex adapters for 50/125µm (OM3/OM4) multimode fibre.			
OS1/OS2 Duplex Ada	apters			
NKFD1W12BUDSCZ*	Pre-loaded fibre drawer with 12 SC duplex adapters for $9/125\mu m$ (OS1/OS2) multimode fibre.			
NKFD1W24BUDLCZ**	Pre-loaded fibre drawer with 24 LC duplex adapters for 9/125µm (OS1/OS2) multimode fibre.			

*For 6 adapters per enclosure, replace 12 in part number with 6.

**For 12 adapters per enclosure, replace 24 in part number with 12.

NetKey[™] Fibre Optic Adapters







Part



NKSTMIW

NKMJMIW

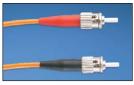
Number	Description	Colour
LC Adapters		
NKDLCMIW	Keystone module supplied with one LC Sr./Jr. SFF multimode duplex adapter with phosphor bronze split sleeves.	Off White
NKDLCMZIW	Keystone module supplied with one LC Sr./Jr. SFF singlemode duplex adapter with zirconia ceramic split sleeves.	Off White
SC Adapters		
NKSCMIW	Keystone module supplied with one SC multimode simplex adapter with phosphor bronze split sleeve.	Off White
NKSCMZIW	Keystone module supplied with one SC singlemode simplex adapter with zirconia ceramic split sleeve.	Off White
ST Adapters		
NKSTMIW	Keystone module supplied with one ST multimode simplex adapter with phosphor bronze split sleeve.	Off White
MT-RJ Adapt	er	
NKMJMIW	MT-RJ multimode duplex keystone adapter module.	Off White

For standard colours other than IW (Off White), replace suffix with BL (Black), EI (Electric Ivory), IG (International Grey) or WH (White).

PANDUIT

NetKey™ Fibre Optic Patch Cords and Pigtails

- Compliant with TIA/EIA 568-C.3-1 and ISO/IEC 11801, IEC-61754-7 (international) and TIA-604-5 (FOCIS-5)
- Patch cords and pigtails include OM3 fibre or OM1, OM2, or OS1 fibre in 900µm tight-buffered fibre, 1.6mm or 3.0mm duplex zipcord jacketed cable or 1.8mm duplex zipcord jacketed cable
- 100% performance tested assures that patch cords and pigtails are standard 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

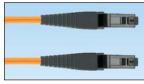


SC to LC Patch Cord

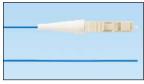
Part Number*	Description			
ST to ST Patch Cords				
NKF6GL022-2M01	ST to ST patch cord, OM1, LSZH, duplex (3 mm jacket).			
NKF5GL022-2M01	ST to ST patch cord, OM2, LSZH, duplex (3 mm jacket).			
NKFXGL022-2M01	ST to ST patch cord, OM3, LSZH, duplex (3 mm jacket).			
NKF9GL022-2M01	ST to ST patch cord, singlemode, LSZH, duplex (3 mm jacket).			
SC to SC Patch Core	ds			
NKF6GL02S-SM01	SC to SC patch cord, OM1, LSZH, duplex (3 mm jacket).			
NKF5GL02S-SM01	SC to SC patch cord, OM2, LSZH, duplex (3 mm jacket).			
NKFXGL02S-SM01	SC to SC patch cord, OM3, LSZH, duplex (3 mm jacket).			
NKF9GL02S-SM01	SC to SC patch cord, singlemode, LSZH, duplex (3 mm jacket).			
LC to LC Patch Core	ds			
NKF6EL02L-LM01	LC to LC patch cord, OM1, LSZH, duplex (1.6 mm jacket).			
NKF5EL02L-LM01	LC to LC patch cord, OM2, LSZH, duplex (1.6 mm jacket).			
NKFXEL02L-LM01	LC to LC patch cord, OM3, LSZH, duplex (1.6 mm jacket).			
NKF9EL02L-LM01	LC to LC patch cord, singlemode, LSZH, duplex (1.6 mm jacket).			
SC to LC Patch Core	ds			
NKF6EL02S-LM01	SC to LC patch cord, OM1, LSZH, duplex (1.6 mm jacket).			
NKF5EL02S-LM01	SC to LC patch cord, OM2, LSZH, duplex (1.6 mm jacket).			
NKFXEL02S-LM01	SC to LC patch cord, OM3, LSZH, duplex (1.6 mm jacket).			
NKF9EL02S-LM01	SC to LC patch cord, singlemode, LSZH, duplex (1.6 mm jacket).			
ST to SC Patch Cords				
NKF6GL022-SM01	ST to SC patch cord, OM1, LSZH, duplex (3 mm jacket).			
NKF5GL022-SM01	ST to SC patch cord, OM2, LSZH, duplex (3 mm jacket).			
NKFXGL022-SM01	ST to SC patch cord, OM3, LSZH, duplex (3 mm jacket).			
NKF9GL022-SM01	ST to SC patch cord, singlemode, LSZH, duplex (3 mm jacket).			

*For standard metre lengths other than 1 metre (2, 3, 5 or 10), change the length desination in the part number to the desired length. For example, the part number for a 2 metre, ST to ST, OM1, LSZH, duplex patch cord is NKF6GL022-2M02.

NetKey™ Fibre Optic Patch Cords and Pigtails (continued)



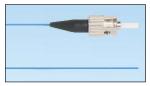
MT-RJ to MT-RJ Patch Cord



LC to Pigtail



SC to Pigtail



ST to Pigtail

Part Number*	Description			
MT-RJ to MT-RJ Patch Cords				
NKF6FL02F-FM01	MT-RJ to MT-RJ patch cord, OM1, LSZH, duplex (1.8 mm jacket).			
NKF5FL02F-FM01	MT-RJ to MT-RJ patch cord, OM2, LSZH, duplex (1.8 mm jacket).			
NKFXFL02F-FM01	MT-RJ to MT-RJ patch cord, OM3, LSZH, duplex (1.8 mm jacket).			
LC to MT-RJ Patch (Cords			
NKF6FL02L-FM01	LC to MT-RJ patch cord, OM1, LSZH, duplex (1.8 mm jacket).			
NKF5FL02L-FM01	LC to MT-RJ patch cord, OM2, LSZH, duplex (1.8 mm jacket).			
NKFXFL02L-FM01	LC to MT-RJ patch cord, OM3, LSZH, duplex (1.8 mm jacket).			
ST to MT-RJ Patch	Cords			
NKF6FL022-FM01	ST to MT-RJ patch cord, OM1, LSZH, duplex (1.8 mm jacket).			
NKF5FL022-FM01	ST to MT-RJ patch cord, OM2, LSZH, duplex (1.8 mm jacket).			
NKFXFL022-FM01	ST to MT-RJ patch cord, OM3, LSZH, duplex (1.8 mm jacket).			
SC to MT-RJ Patch	Cords			
NKF6FL02S-FM01	SC to MT-RJ patch cord, OM1, LSZH, duplex (1.8 mm jacket).			
NKF5FL02S-FM01	SC to MT-RJ patch cord, OM2, LSZH, duplex (1.8 mm jacket).			
NKFXFL02S-FM01	SC to MT-RJ patch cord, OM3, LSZH, duplex (1.8 mm jacket).			
LC Pigtails				
NKF6BN011-NM01	LC to Pigtail, OM1, simplex, 900um buffered fibre.			
NKF5BN011-NM01	LC to Pigtail, OM2, simplex, 900um buffered fibre.			
NKFXBN011-NM01	LC to Pigtail, OM3, simplex, 900um buffered fibre.			
NKF9BN011-NM01	LC to Pigtail, singlemode, simplex, 900um buffered fibre.			
SC Pigtails				
NKF6BN013-NM01	SC to Pigtail, OM1, simplex, 900um buffered fibre.			
NKF5BN013-NM01	SC to Pigtail, OM2, simplex, 900um buffered fibre.			
NKFXBN013-NM01	SC to Pigtail, OM3, simplex, 900um buffered fibre.			
NKF9BN013-NM01	SC to Pigtail, singlemode, simplex, 900um buffered fibre.			
ST Pigtails				
NKF6BN012-NM01	ST to Pigtail, OM1, simplex, 900um buffered fibre.			
NKF5BN012-NM01	ST to Pigtail, OM2, simplex, 900um buffered fibre.			
NKFXBN012-NM01	ST to Pigtail, OM3, simplex, 900um buffered fibre.			
NKF9BN012-NM01	ST to Pigtail, singlemode, simplex, 900um buffered fibre.			

*For standard metre lengths other than 1 metre (2, 3, 5 or 10), change the length desination in the part number to the desired length. For example, the part number for a 2 metre, ST to ST, OM1, LSZH, duplex patch cord is NKF6GL022-2M02.

9



NetKey[™] Patch Panels

- Mount to standard TIA/EIA 19" racks
- Punchdown patch panels meet all industry performance standards for Category 6 and 5e

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NK6PPG24Y

- Modular patch panels accept all NetKey[™] Modules
- NK5EPPG24Y NK6PPG48Y NK6PPG12WY NK5EPPG48Y NK5EPPG12WY -----NKFP24Y --------NKFP48Y NKFP12W NKPPA24FMY -----NKPPA48FMY NKMP24Y NKMP48Y SRB19BLY 000 000 SRBM19BLY WB89D 1 T TLBP1R-V TLBP2R-V =

CPAF2BLY

- · Optional angled versions available for high density installations
- Strain relief bars assist in cable management and bend radius control
- · Filler panels reserve space for future use and direct airflow

Part Number	Description
Punchdown Patch	n Panels*
Category 6	
NK6PPG12WY	Category 6, 12-port punchdown patch panel. Mounts to wall with standard 89D bracket (WB89D).
NK6PPG24Y	Category 6, 24-port punchdown patch panel, 1 RU.
NK6PPG48Y	Category 6, 48-port punchdown patch panel, 2 RU.
Category 5e	
NK5EPPG12WY	Category 5e, 12-port punchdown patch panel. Mounts to wall with standard 89D bracket (WB89D).
NK5EPPG24Y	Category 5e, 24-port punchdown patch panel, 1 RU.
NK5EPPG48Y	Category 5e, 48-port punchdown patch panel, 2 RU.
[*] Punchdown patch Punchdown tools fo Modular Patch Pa	
NKFP12W	12-port modular patch panel. Mounts to wall with standard 89D bracket (WB89D).
NKFP24Y	24-port modular patch panel, 1 RU.
NKFP48Y	48-port modular patch panel, 2 RU.
NKFP24KSRBSY	
NKFP48KSRBSY	24-port modular patch panel with strain relief bar, 1 RU. 48-port modular patch panel with strain relief bar, 2 RU.
Flush Mount Patc	
NKPPA24FMY	24-port flush mount angled modular patch panel, 1 RU.
NKPPA48FMY	48-port flush mount angled modular patch panel, 2 RU.
NKPP24FMY	24-port flush mount modular patch panel, 1 RU.
NKPP48FMY	48-port flush mount modular patch panel, 2 RU.
All Metal Patch Pa	nels
NKMP24Y	24-port all metal modular patch panel, 1 RU.
NKMP48Y	48-port all metal modular patch panel, 2 RU.
Wall Mount Brack	et
WB89D	Wall mount bracket. Ideal for use with 12-port punchdown or modular patch panels.
Strain Relief Bars	
SRB19BLY	Strain relief bar extends 50mm from standard 19" rack for additional cable support.
SRBM19BLY	Strain relief bar and Tak-Ty [™] Hook & Loop Cable Ties for additional cable support.
SRBS19BL-XY	Straight strain relief bar.
Filler Panels	
TLBP1S-V	1 RU tool-less filler panel, 9.52mm (3/8 in.) square holes.
TLBP1R-V	1 RU tool-less filler panel, M5 (#10) or M6 (#12) round tapped holes.
TLBP2S-V	2 RU tool-less filler panel, 9.52mm (3/8 in.) square holes.
TLBP2R-V	2 RU tool-less filler panel, M5 (#10) or M6 (#12) round tapped holes.
CPAF1BLY	1 RU angled filler panel.
CPAF2BLY	2 RU angled filler panel.

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NetKey[™] Faceplates

- Accept all NetKey[™] Modules
- Available in a variety of port densities













NK4HSFAWY

· Optional labels for easy port identification

Part Number	Description	Colour	
UK			
NK6CSAW-X	Single gang, 25.4mm x 32mm, shuttered adapter. Compatible with LJU6C frame. Accepts one NetKey $^{\mathbb{M}}$ Module.	Arctic White	
NKFPLUKF2SAW	Single gang, 86mm x 86mm, shuttered faceplate with label and icon slots. Accepts two NetKey [™] Modules. Includes two M3.5-0.5 x 30mm panhead mounting screws.	Arctic White	
NKFPLUKF4SAW	Single gang, 86mm x 86mm, shuttered faceplate with label and icon slots. Accepts four NetKey [™] Modules. Includes two M3.5-0.5 x 30mm panhead mounting screws.	Arctic White	
Italian			
NK2HSFAWY	Single gang, horizontal, sloped faceplate with labels. Accepts two NetKey $^{\scriptscriptstyle\rm W}$ Modules.	Arctic White	
NK4HSFAWY	Single gang, horizontal, sloped faceplate with labels. Accepts four NetKey $^{\scriptscriptstyle \rm M}$ Modules.	Arctic White	

NetKey™ Faceplate Kits



NKUKS2AW



NKUKS2SAW





NKUKS4SAW-2G

Part Number	Description	Colour
UK		
NKUKS2AW	Single gang, sloped faceplate kit with labels. Kit includes one 86 x 86mm faceplate frame and sloped insert. Accepts two NetKey [™] Modules.	Arctic White
NKUKS4AW-2G	Double gang, sloped faceplate kit with labels. Kit includes one 146mm x 86mm faceplate frame and two sloped inserts. Accepts four NetKey [™] Modules.	Arctic White
NKUKS2SAW	Single gang, sloped, shuttered faceplate kit with labels. Kit includes one 86mm x 86mm faceplate frame and one sloped, shuttered insert. Accepts two NetKey " Modules.	Arctic White
NKUKS4SAW-2G	Double gang, sloped, shuttered faceplate kit with labels. Kit includes one 146mm x 86mm faceplate frame and two sloped, shuttered inserts. Accepts four NetKey [™] Modules.	Arctic White



NKFS2SAW

NKAGS2SAW

NKDS2SEW

NKLK66S2SEW



NKFS2AW



PANDUIT

NKAGS2AW



NKDS2EW



NKLK66S2EW



NKFD66S2SEW



NKLKCLS2EW

NKLKCLS2SEW

Part Number	Description	Colour			
French, Spanish	, Belgian and Portuguese				
NKFS2AW	Single gang, sloped faceplate kit. Kit includes one 45mm x 45mm faceplate frame and one sloped insert. Accepts two NetKey [™] Modules.				
NKFS2SAW	Single gang, sloped, shuttered faceplate kit. Kit includes one 45mm x 45mm faceplate frame and one sloped, shuttered insert. Accepts two NetKey [™] Modules.				
German					
NKAGS2AW	Single gang, sloped faceplate kit with labels. Kit includes one 50mm x 50mm faceplate frame and one sloped insert. Accepts two NetKey " Modules.				
NKAGS2SAW	Single gang sloped, shuttered faceplate kit with labels. Kit includes one 50mm x 50mm faceplate frame and one sloped, shuttered insert. Accepts two NetKey [™] Modules.				
Danish					
NKDS2EW	KDS2EW Single gang, sloped, faceplate kit with labels. Kit includes one 71.1mm x 50.4mm faceplate frame and one sloped insert. Accepts two NetKey [™] Modules.				
NKDS2SEW	W Single gang, sloped, shuttered faceplate kit with labels. Kit includes one 71.1mm x 50.4mm faceplate frame and one sloped insert. Accepts two NetKey [™] Modules.				
NKLK66S2EW	EW Single gang, sloped, faceplate kit. Compatible with LK Opus 66* frame. Kit includes one 58.8mm x 58.8mm faceplate frame and one sloped insert. Accepts two NetKey [™] Modules.				
NKFD66S2SEW	KFD66S2SEW Single gang, sloped, shuttered faceplate kit. Compatible with LK Opus 66* frame. Kit includes one 58.8mm x 58.8mm faceplate frame and one sloped, shuttered insert. Ideal for in-wall and surface mount box installations. Accepts two NetKey [™] Modules.				
NKLK66S2SEW	KLK66S2SEW Single gang, sloped, shuttered faceplate kit. Compatible with LK Opus 66* frame. Kit includes one 58.8mm x 58.8mm faceplate frame and sloped, shuttered insert. Accepts two NetKey [™] Modules.				
NKLKCLS2EW	⁷ Single gang, sloped, faceplate kit with labels. Compatible with LK Clic'line* frame. Kit includes one 71.3mm x 45mm faceplate frame and one sloped insert. Accepts two NetKey [™] Modules.				
NKLKCLS2SEW	Single gang, sloped, shuttered, faceplate kit with labels. Compatible with LK Clic'line* frame. Kit includes one 71.3mm x 45mm faceplate frame and one sloped, shuttered insert. Accepts two NetKey " Modules.	Europear White			

*Opus 66 and Clic'line are trademarks of Lauritz Knudsen.

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NetKey™ Inserts, Frames and Adapter

Part



CBUKAWY

CBAGAW



CBUKAW-2GY



FCFPAW

Number	Description			
Inserts				
NKHS2AW-X	1/2 size, sloped modular insert. Accepts two NetKey $^{\scriptscriptstyle \rm M}$ Modules.	Arctic White		
NKHS2SAW-X	1/2 size, sloped, shuttered modular insert. Accepts two NetKey [™] Modules.	Arctic White		
Frames				
CBUKAWY	86mm x 86mm, single gang faceplate frame with label. Accepts one 1/2 size module insert.	Arctic White		
CBUKAW-2GY	86mm x 146mm, double gang faceplate frame with labels. Accepts two 1/2 size module inserts.	Arctic White		
CBAGAW	50mm x 50mm, single gang faceplate frame with labels. Accepts one 1/2 size module insert.	Arctic White		
FCFPAW	80mm x 80mm, faceplate frame accepts all 50mm x 50mm adapters.	Arctic White		
Adapter				
CBFAW	45mm x 45mm adapter, accepts one 1/2 size module insert.	Arctic White		

CBFAW

NetKey™ Modular Furniture Faceplate



Part Number	Description	Colour
NK4MFIW	Snap-on modular furniture faceplate. Compatible with modular furniture panel cutout dimensions 34mm to 35.56mm – 67mm to 69mm. Accepts up to four NetKey [™] Modules.	Off White

For standard colours other than Off White, replace IW in part number with AW (Arctic White), BL (Black), EI (Electric Ivory), WH (White) or IG (International Grey).



NetKey™ Surface Mount Boxes

- Accept all NetKey[™] Modules
- · Include mounting screws and adhesive tape





NK6BXIW-AY

CBM-X

Part Number	Description	Colour
NK2BXIW-A	Surface mount box accepts two NetKey [™] Modules.	Off White
NK4BXIW-AY	Surface mount box accepts four NetKey [™] Modules.	Off White
NK6BXIW-AY	Surface mount box accepts six NetKey [™] Modules.	Off White
CBM-X	Optional magnet for mounting on metal surfaces. Compatible with NK2BXIW-A and NK4BXIW-AY.	

• Compatible with Panduit[™] LD3, LD5, and LD10 Raceway

For surface mount box standard colours other than IW (Off White), replace suffix with AW (Arctic White), EI (Electric Ivory), IG (International Grey) or WH (White).

Termination Tools







Part Number

PDT110

PDTH110

JR-PAN-2*

Pan-Punch[™] Termination Tool

NetKey[™] Jack Module Termination Tools

Punchdown Modules.

JR-PAN-2



CJT

CJT-X Termination tool for Category 3 NetKey[™] Leadframe Jack Modules. Punchdown Base NKSPB Base used to assist in terminating punchdown modules. Fibre Termination Kit FIELDKIT Tools, consumables, installation instructions and stripping templates necessary for

operation. Ideal for use with Pan-Punch[™] Punchdown System.

Replacement blade for single pair punchdown tool (PDT110).

Description

Single pair punchdown tool and blade terminates and cuts UTP cable in one

Fluke** JackRapid Termination Tool for Category 6 and Category 5e NetKey™

termination of all Panduit field polish connectors. *Fluke JackRapid Termination Tool available through distribution. Visit www.fluke.com to locate a local

distributor. **Fluke is a registered trademark of Fluke Corporation.

FIELDKIT

NetKey™ Audio/Video Modules



NKFIW



NKRSMBIWY



NKRPMRIW



NKSVCIW



NK35MSSIW



NKHDMIIW



NKBMIW-X



NKRTMRIW



NKSPMIW



NKBPBIWY



NK35MSCIW



NKUSBAAIW

Part Number	Description	Colour		
F-Type Module				
NKFIW	Keystone module supplied with 75 ohm industry standard F-Type coax bulkhead coupler.	Off White		
50 Ohm BNC C	oax Module			
NKBNCMIWY	Keystone module supplied with 50 ohm industry standard coax bulkhead coupler.	Off White		
RCA Modules				
NKRSMAIWY	Keystone module supplied with RCA solder type connector. Inserts available in multiple colours.	Off White		
NKRTM^IW	Keystone module supplied with RCA pass-through connector. Inserts available in multiple colours.	Off White		
NKRPM^IW	Keystone module supplied with RCA punchdown connector. Inserts available in multiple colours.	Off White		
S-Video Modul	es			
NKSPMIW	Keystone module supplied with SVHS punchdown connector.	Off White		
NKSVCIW	Keystone module supplied with S-Video pass-through connector.	Off White		
5-Way Binding	Post Module			
NKBP^^IWY	Y Keystone module supplied with 5-way binding post.			
3.5mm Stereo	Connector			
NK35MSSIW	Keystone module supplied with 3.5mm (1/8") stereo solder type headset connector.	Off White		
NK35MSCIW	Keystone module supplied with 3.5mm (1/8") stereo headset coupler.			
HDMI Coupler				
NKHDMIIW	Keystone module supplied with one HDMI 1.3 Type A female to female coupler module.			
USB Coupler				
NKUSBAAIW	Keystone module supplied with one USB 2.0 female A to female A coupler module.			
Blank Module				
NKBMIW-X	Blank keystone module reserves space for future use.	Off White		
	sort colour, roplace () with P (Pod), V (Vallow) or W (White), PCA colder t			

^To designate insert colour, replace ^ with R (Red), Y (Yellow) or W (White). RCA solder type module (NKRSM^IWY) also available with B (Black) insert.
 ^To designate insert colour, replace ^ with R (Red) or B (Black).
 For standard colours other than IW (Off White), replace suffix with AW (Arctic White), El (Electric Ivory), WH (White), IG (International Grey) or BL (Black). 5-Way Binding Post Module (NKBP^IWY) only available in El (Electric Ivory) and WH (White).



Media Distribution System

The Panduit media distribution system offers an efficient and cost-effective means to distribute voice, video and data services within commercial and residential locations. High density solutions support a greater number of network services and applications allowing improved space utilisation while cost effectively implementing media components. A comprehensive set of modular components improve design flexibility, enable quick modifications and scalability for future growth from the building demarcation point to the end user's network outlet.

Open Mounting Grid Base 25mm grid pattern across entire enclosure base provides for vertical or horizontal placement of hubs and other components, allowing greater flexibility and maximum use of available space.

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Modular Patch Panel

The media distribution NetKey[™] Modular Patch Panel provides a front-accessible patch panel module that accepts all NetKey[™] Voice, Video, Data and Audio Modules to provide communication to up to eight different locations.

Network Equipment Bracket The media distribution equipment bracket secures third-party equipment, such as routers or switches to the media distribution system enclosure, providing flexibility and choice to meet individual needs.





Cable Management

Through the use of D-Hooks and the cable management kit, the Media Distribution System provides superior cable management within the enclosure to organise cables for easy access and to maximise enclosed space.









Phone Hub Test Ports/ Security Interface

Enables testing of the incoming phone lines from the building demarcation point and connections from the enclosure to the residence to ensure performance. Security interface includes a built-in switch that overrides the phone service for emergency notifications, ensuring safety and security of unit or residence when needed.



Stackability

Stackable hubs mount on top of one another to maximise use of enclosure space and offer easy expansion for additional drops.



Grounding and Bonding

Integrated grounding stud, along with optional grounding kit, provides means to properly ground the enclosure to the surrounding structure, protecting network equipment and maximizing uptime.



Shear forms built-in to the enclosure work with the cable management kit for appropriate cable management.

PANDUIT

Media Distribution Enclosures

- Enclosures offer easy installation, flexibility for quick modifications and scalability for future growth needs
- Grid pattern in base provides mounting and flexibility for the hubs





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MS14B



MS14HD



MS24HD

- Cantilever mounting slots flex to accommodate misaligned studs
- Integrated drywall positioning slots
- Hinged door (optional) available with lock and key

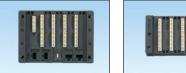
Part Number	Description			
Basic Enclosure Bases with Doors				
MSB14E	14" x 14" media distribution basic enclosure with screw down door. (362.0mm x 362.00mm x 101.6mm) 14.25"H x 14.25"W x 4.00"D.	White		
MSB24E	14" x 24" media distribution basic enclosure with screw down door. (616.0mm x 362.00mm x 101.6mm) 24.25"H x 14.25"W x 4.00"D.			
Advanced Enclos	sure Bases			
MS14B	14" x 14" media distribution enclosure base. (362.0mm x 362.00mm x 101.6mm) 14.25"H x 14.25"W x 4.00"D.	White		
MS24B	14" x 24" media distribution enclosure base. (616.0mm x 362.00mm x 101.6mm) 24.25"H x 14.25"W x 4.00"D.			
Hinged Doors for	Advanced Enclosure Bases			
MS14HD	14" x 14" hinged door with lock and key. (401.6mm x 400.00mm x 22.1mm) 15.81"H x 15.75"W x .87"D.	White		
MS24HD	14"x 24" hinged door with lock and key. (655.6mm x 400.00mm x 22.1mm) 25.81"H x 15.75"W x .87"D.	White		
MS14BHD	14" x 14" Frameless hinged door with slam latch. (400mm x 400mm x 15.9mm) 15.75"H x 15.75"W x 0.63"D.	White		
MS24BHD	14" x 24" Frameless hinged door with slam latch. (400mm x 654mm x 15.9mm) 15.75"H x 25.75"W x 0.63"D.	White		
Base and door for	advanced enclosures sold separately.			



Populated Advanced Enclosure

Media Distribution Voice (Phone) Hubs

• Split incoming phone lines up to eight locations to provide basic phone, fax and modem services





MS8PE

Part Number

NKM8PP

8-port modular patch panel.

• Expansion hub (optional) available for an additional eight connections

Part Number	Description	Colour
MS8PD	Phone distribution hub with test ports and a security interface.	Black
MS8PE	Phone expansion hub.	Black

MS8PD

Media Distribution Patch Panel

- · Front accessible
- Accept all NetKey[™] Modules



NKM8PP

Media Distribution Video Splitters

- Split incoming video/coax to distribute services
- · Pre-mounted onto metal bracket for quick installation



MS4S1G

MS4S2G



MS8S2G

• Snap directly into grid patterned enclosures for easy installation, moves, adds and changes

Description

Colour

Black

Part Number	Description			
1 GHz Splitters				
MS4S1G	Media distribution 1 x 4 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to four outputs.			
MS8S1G	Media distribution 1 x 8 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to eight outputs.			
2 GHz Splitters				
MS4S2G	Media distribution 1 x 4 passive video splitter with 2 GHz performance to distribute high-quality RF signals to up to four outputs.			
MS8S2G	Media distribution 1 x 8 passive video splitter with 2 GHz performance to distribute high-quality RF signals to up to eight outputs.			



Media Distribution Data Hub

- Meets Category 5e performance standards
- Front side 110 punchdown termination



 Part Number
 Description
 Colour

 MS5E6PP
 Media distribution data hub for up to six different locations.
 Black

• Grounding kit includes assists in properly grounding media distribution

· Allows easy access to connections within the enclosure

MS5E6PP

Media Distribution Accessories

- · Bracket accepts third party equipment for design flexibility
- Cable management kit assists in proper cable routing within the enclosure



MSEBRKT



MSGRD-KIT



MSCM-KIT



Part Number	Description			
Media Distribution Kits				
MSEBRKT	Media distribution equipment bracket that allows a variety of third-party equipment to be securely mounted within an enclosure.			
MSCM-KIT	Media distribution cable management kit that includes the necessary components to help manage cables.			
MSGRD-KIT	Media distribution grounding kit that includes necessary components to help ground media distribution.			
Media Distribution Cable Management Ring				
MSCMR	Media distribution cable management ring.			

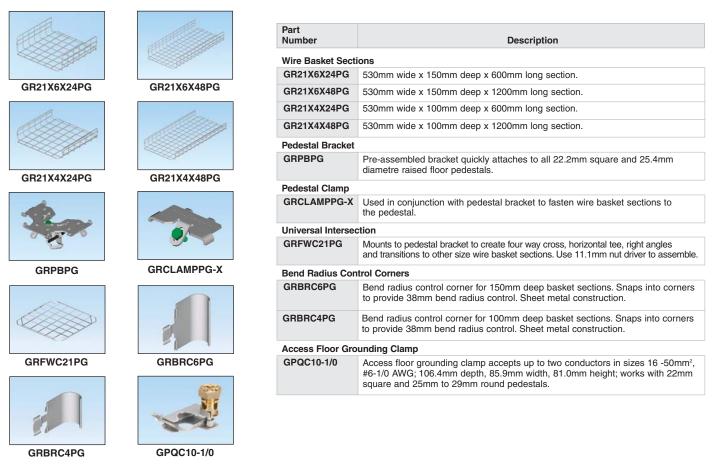
· Cable management ring controls cable bend radius

MSCMR

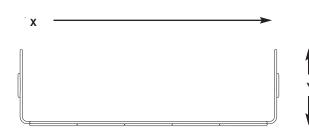
GridRunner™ Underfloor Cable Routing System

- Wire baskets used with pedestal brackets carry cables horizontally in underfloor installations and provide secure connection and electrical bond to raised floor pedestal; available in two depths 100mm and 150mm and two lengths 600mm and 1200mm
- Wire baskets feature all rounded edges; require no cutting or deburring of sharp edges
- Wire baskets, pedestal brackets and accessories are made of pre-galvanised steel wire
- Pre-assembled pedestal bracket supports wire baskets on all three sides of a single support bracket
- · Accommodates 600mm x 600mm raised floor grids

GridRunner™ Wire Baskets



Cable Fills GridRunner™ Underfloor Cable Routing System

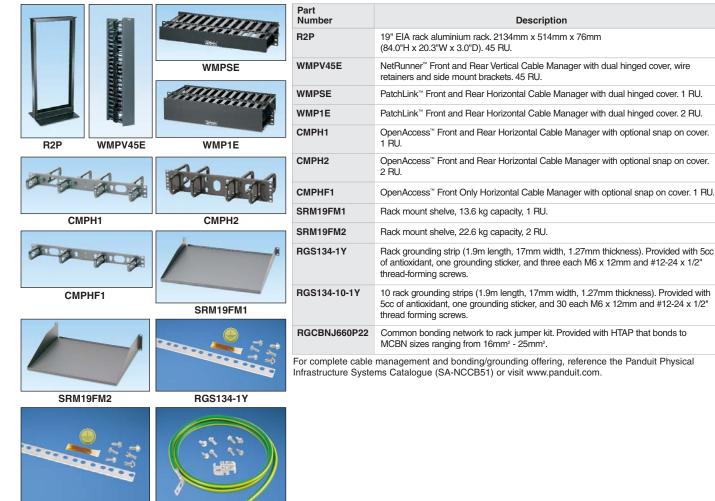


		Category 6 Diametre 6.35mm	Category 5e Diametre 4.75mm	Fibre Optic Distribution Cable Diametre 12.7mm
"Х"	"Y"	50% Fill		
551.2mm	101.6mm	885	1580	221
551.2mm	152.4mm	1327	2372	332



Racks and Cable Management

• 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



RGS134-10-1Y

RGCBNJ660P22

Identification and Labelling Systems

· Variety of labelling systems and labels enable quick and easy network identification



For complete identification offering, reference the Panduit Physical Infrastructure Systems Catalogue (SA-NCCB51) or visit www.panduit.com.

Real-World Solutions to Ensure the Success of Our Customers

With a proven reputation for excellence and technology innovation, a robust ecosystem of global partners, and long-term alliances with top industry leaders, Panduit is a valuable, trusted partner offering strategic vision and real-world solutions to ensure the success of our customers.

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Panduit is an industry leader in developing innovative technology solutions that meet the rapidly evolving needs of our customers around the world. Our commitment to continued leadership is supported by significant ongoing investment, dedicated manufacturing facilities, strategic technology alliances, and collaborative R&D with other industry leaders.

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Panduit's ongoing commitment to excellence and our technology alliances with key industry leaders such as Cisco Systems, EMC, Emerson, and IBM, enables our highly skilled and knowledgeable global sales, systems engineering, and technical support teams to engage with critical customer challenges that range from initial problem determination all the way to resolution. Local specialists, trained to global standards and competencies, provide consistent regional support that brings value to local business. Our global value chain, which combines manufacturing, distribution and service, provides prompt responses to customer-related issues, and streamlines procurement and delivery to any global destination.

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Panduit employs a consultative approach to identify customer needs and engage appropriate partners in a collaborative fashion to serve our customers. Panduit's robust ecosystem of architects, consultants, engineers, designers, systems integrators, contractors and distributors offer a full portfolio of lifecycle services. Our partners are trained on relevant services to Plan & Design, Build & Deploy, and Maintain & Operate to deliver predictable and measurable results.



Worldwide Alliances

Panduit has established long-term strategic alliances with top global industry leaders such as Cisco Systems, EMC, HP, IBM, Liebert and Rockwell Automation to develop and integrate innovative, holistic solutions for our customers. We continually invest in relationships and resources for solving our customers' greatest business challenges.

Eco-Sustainability & Global Citizenship

With a long-standing commitment to environmental excellence, Panduit continually develops and implements solutions designed to protect, replenish, and restore the world in which we live and operate. This commitment is demonstrated by Panduit's LEED-certified new world headquarters and future green building plans using its own revolutionary Unified Physical Infrastructure[™] vision to enable convergence of critical systems for driving sustainability.

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