

Data Centre & Communications Room Category 5e



Patch Panels	4.66
Termination Blocks.....	4.70
Patch Cords	4.72

Data Centre & Communications Room

Category 5e – Patch Panels

TrueNet® PCB Patch Panel UTP and S/FTP

High density 19" PCB patch panels complete with rear cover, instruction sheet and fixing kit.

Dimensions

1U high, 19" wide, 175mm deep
1.5U high, 19" wide, 175mm deep

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B



Features

- Performance exceeding Category 5e specifications up to 100MHz
- Swift terminations onto LSA-PLUS® IDC blocks
- Complete with IDC dust protection and fixing kit
- Fishtail design to vary cable management to suit installation requirement
- Available as 1U 16 port S/FTP; 1U 24 port UTP and STP; and 1.5U 48 port UTP and STP
- Covered by the TrueNet System Warranty

Ordering Information

Description	Catalogue Number
Patch Panel, Category 5e PCB 24 Port UTP	6527 1 607-24
Patch Panel, Category 5e PCB 48 Port UTP	6527 1 630-00
Patch Panel, Category 5e PCB 16 Port S/FTP	7022 1 015-16
Patch Panel, Category 5e PCB 24 Port S/FTP	7022 1 015-24
Patch Panel, Category 5e PCB 48 Port S/FTP	6527 1 632-00

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Category 5e – Patch Panels

TrueNet® Modular HK Patch Panels UTP and S/FTP

High density 19" 1U modular patch panels utilising the high performing keystone punch down HK jack.

Dimensions

1.5U high, 19" wide, 154mm deep

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B



Features

- Performance exceeding Category 5e specifications up to 100MHz
- Available in 1U 16, 24 and high density 32 port variants
- RJ45 HK jacks with LSA-PLUS connection technology
- Complete with fixings
- Available in UTP and S/FTP formats
- Covered by the TrueNet System Warranty

Ordering Information

Description	Catalogue Number
Patch Panel, Category 5e HK 16 Port UTP	6690 1 402-16
Patch Panel, Category 5e HK 24 Port UTP	6690 1 402-24
Patch Panel, Category 5e HK 32 Port UTP	6690 1 402-32
Patch Panel, Category 5e HK 16 Port S/FTP	6690 1 412-16
Patch Panel, Category 5e HK 24 Port S/FTP	6690 1 412-24
Patch Panel, Category 5e HK 32 Port S/FTP	6690 1 412-32
Patch Panel, Unloaded HK/KM8 16 Port	7022 2 150-16
Patch Panel, Unloaded HK/KM8 24 Port	7022 2 150-24
Patch Panel, Unloaded HK/KM8 32 Port	7022 2 150-32

For termination tools and accessories please refer to page 4.102

For HK jacks please refer to the Work Area section, page 6.36

Data Centre & Communications Room

Category 5e – Patch Panels

TrueNet® Through Coupler Patch Panel UTP and S/FTP

19" 1U 24 way patch panel, featuring RJ45 jacks on both front and rear. Colour coded label strips and fixings included.



Dimensions

1.5U high, 19" wide, 128mm deep

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Features

- Performance exceeding Category 5e specifications up to 100MHz
- Convenient connection field for data applications
- Covered by the TrueNet System Warranty

Ordering Information

Description	Catalogue Number
Patch Panel, Through Coupler 24 Port UTP	6527 1 623-24
Patch Panel, Through Coupler 24 Port S/FTP	ADCPP24RJ5E-S

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Data Centre & Communications Room
Category 5e

Data Centre & Communications Room

Category 5e – Patch Panels

TrueNet® LN Patch Panel

19" 1U 16 way unshielded patch panel with fitted jacks. Integral cable management and reusable label holders. Supplied complete with fixings.



Dimensions

1.5U high, 19" wide, 101mm deep

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Features

- Performance exceeding Category 5e specifications up to 100MHz
- Modular design enabling rapid installation
- Covered by the TrueNet System Warranty

Ordering Information

Description	Catalogue Number
Patch Panel, Category 5e Modular LN 16 Port UTP	6533 1 710-16

HighBand® 8 Block

High performance cross connection system enabling the user to both jumper and patch on the same module.



Features

- HighBand® 8 blocks meet TIA/EIA/ISO Category 5e component specifications, resulting in increased throughput for DSL and other broadband applications
- Terminate two 4 pair UTP cables in one block
- HighBand 8 blocks are familiar to Series 2 (237A) users and installers, eliminating training
- Test port provides “look-both-ways” testing capability without the removal of any wires, as well as simple monitoring of a circuit using ADC KRONE test cords
- Pre-terminated blocks reduce installation time
- Complete patching and cross-connect options provide the versatility required for easy changes or testing minimising any network downtime
- Labeling options allow for comprehensive identification
- Identical dimensions to 10 pair LSA-PLUS® Series 2 modules, allowing for normal mounting hardware to be used (e.g. back mount frame or Profil®)
- Covered by the TrueNet System Warranty

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Ordering Information

Description	Catalogue Number
HighBand 8 pair module complete with jumper rings (pack of 10)	6468 5 060-00
HighBand 8 pair module without jumper rings (pack of 10)	6468 5 060-20

For dedicated frames please refer to page 4.101

HighBand® 16 Block

High performance cross connection system for use where high density patching is required.



Features

- HighBand® 16 blocks meet TIA/EIA/ISO Category 5e component specifications, resulting in increased throughput for DSL and other broadband applications
- Terminates four 4 pair UTP cables in one block
- Test port provides “look-both-ways” testing capability without the removal of any wires, as well as simple monitoring of a circuit using ADC KRONE test cords
- Preterminated blocks reduce installation time
- Complete patching and cross-connect options provide the versatility required for easy changes or testing minimising any network downtime
- Identical dimensions to 10 pair LSA-PLUS® Series 2 modules, allowing for normal mounting hardware to be used (e.g. back mount frame or Profil®)

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Ordering Information

Description	Catalogue Number
HighBand 16 Pair Module – complete with jumper rings (pack of 10)	6468 5 080-00
HighBand 16 Pair Module – without jumper rings (pack of 10)	6468 5 080-20

For dedicated frames please refer to page 4.101
For test plugs please refer to page 4.60

Data Centre & Communications Room

Category 5e – Patch Cords

Category 5e FTP and S/FTP Patch Cords

TrueNet® Category 5e patch cords with strain relief available in standard T568B configuration, LSZH and PVC.



Features


- Performance exceeding Category 5e specifications up to 100MHz
- Range of sheath and length variants
- Fully interoperable and backwards compatible
- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to ensure maximum performance
- Flammability rating for PVC and LSZH cords: IEC 60332-1
- Covered by the TrueNet System Warranty

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Fire rating IEC 60332-1

Ordering Information

Description	Description	Catalogue Number*
Category 5e Patch Cord RJ45 plug to RJ45 plug, T568B 	FTP PVC Grey	7063 2 537-XX
	FTP LSZH Grey	7063 2 547-XX
	S/FTP PVC Grey	7063 2 557-XX
	S/FTP LSZH Grey	7063 2 567-XX

*Replace XX with:

04 = 1m 10 = 3m

07 = 2m 15 = 5m

Contact ADC KRONE for additional cable colours and lengths.

Category 5e Overmoulded UTP Patch Cords

TrueNet® Category 5e overmoulded patch cords with integrated strain relief available in standard T568B and crossover configurations, LSZH and PVC.

Before ordering patch cords, check the transmit and receive orientation of the hub and network interface card. Some manufacturers require a crossover of transmit and receive pairs; others have either the hub port or NIC card reversed in advance. Some can switch between the two.



Features



- Performance exceeding Category 5e specifications up to 100MHz
- Range of sheath and length variants
- Fully interoperable and backwards compatible
- Third party certification at a component level
- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to ensure maximum performance
- Flammability rating for PVC and LSZH cords: IEC 60332-1
- Covered by the TrueNet System Warranty

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Fire rating IEC 60332-1

Ordering Information

Description	Cable Colour	Catalogue Number*
Category 5e Overmoulded Patch Cord RJ45 plug to RJ45 plug, T568B 	Blue UTP	7063 2 6X1-YY
	Red UTP	7063 2 6X2-YY
	Yellow UTP	7063 2 6X3-YY
	Green UTP	7063 2 6X4-YY
	Orange UTP	7063 2 6X5-YY
	Grey UTP	7063 2 6X7-YY
Category 5e Overmoulded Patch Cord RJ45 plug to RJ45 plug, crossover wired 	Blue UTP	7063 2 6X1-YY
	Red UTP	7063 2 6X2-YY
	Yellow UTP	7063 2 6X3-YY
	Green UTP	7063 2 6X4-YY
	Orange UTP	7063 2 6X5-YY
	Grey UTP	7063 2 6X7-YY

*Replace X in T568B with: Replace YY with:
 1 = PVC 2 = LSZH 04 = 1m 10 = 3m 25 = 7.5m
 Replace X in crossover with: 07 = 2m 15 = 5m 33 = 10m
 7 = PVC 8 = LSZH

Contact ADC KRONE for additional cable colours and lengths.

Category 5e Unbooted UTP Patch Cords

TrueNet® Category 5e unbooted patch cords available in standard T568B and crossover configurations, LSZH and PVC.

Before ordering patch cords, check the transmit and receive orientation of the hub and network interface card. Some manufacturers require a crossover of transmit and receive pairs; others have either the hub port or NIC card reversed in advance. Some can switch between the two.





Features

- Performance exceeding Category 5e specifications up to 100MHz
- Range of sheath and length variants
- Fully interoperable and backwards compatible
- Third party certification at a component level
- Superior cable flexibility from stranded cores
- Flammability rating for PVC and LSZH cords: IEC 60332-1
- Covered by the TrueNet System Warranty

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B
Fire rating IEC 60332-1

Ordering Information

Description	Cable Colour†	Catalogue Number*
Category 5e Unbooted Patch Cord RJ45 plug to RJ45 plug, T568B 	Blue PVC UTP	5718 2 611-YY
	Red PVC UTP	5718 2 612-YY
	Yellow PVC UTP	5718 2 613-YY
	Green PVC UTP	5718 2 614-YY
	Orange LSZH UTP	5718 2 625-YY
	Grey PVC UTP	5718 2 617-YY
Category 5e Unbooted Patch Cord RJ45 plug to RJ45 plug, crossover wired 	Blue PVC UTP	5718 2 631-YY
	Red PVC UTP	5718 2 632-YY
	Yellow PVC UTP	5718 2 633-YY
	Green PVC UTP	5718 2 634-YY
	Orange LSZH UTP	5718 2 645-YY
	Grey PVC UTP	5718 2 637-YY

†Note: LSZH only available in orange

* Replace YY with:

04 = 1m 10 = 3m 25 = 7.5m

07 = 2m 15 = 5m 33 = 10m

Contact ADC KRONE for additional cable colours and lengths.

Data Centre & Communications Room

Category 5e – Patch Cords

TrueNet® Solid Core Patch Cords

For use in data centres and communications rooms to enable 'hard-wired' connections between patch panels and active networking equipment.

Wired to T568-B and complete with terminated plugs at both ends, patch cords are 100% tested and warranted to exceed specification requirements.

Test Specification

Exceeds specifications according to ISO/IEC 11801:2002, EN 50173-1:2002 and TIA/EIA 568-B

Fire rating is IEC 60332-1



Features

- Performance exceeding Category 5e specifications up to 100MHz
- Wired to T568-B
- Complete with integrated strain relief to protect terminations within the plug
- Fully interoperable and backwards compatible
- Covered by the TrueNet System Warranty

Ordering Information

Description	Catalogue Number
Patch Cord, Solid Core, Category 5e UTP LSZH, 20m, Orange	6529 1 205-20
Patch Cord, Solid Core, Category 5e UTP LSZH, 30m, Orange	6529 1 205-30
Patch Cord, Solid Core, Category 5e UTP LSZH, 40m, Orange	6529 1 205-40
Patch Cord, Solid Core, Category 5e UTP LSZH, 50m, Orange	6529 1 205-50

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