

# NEXANS essential

## Cat 5e unshielded cabling & connectivity solution

The Nexans Essential range of unshielded components is designed to support voice and basic data applications and can be easily installed using standard tools. The range is compliant with ISO/IEC 11801 Ed 1.2 2000 and is supported by a 15 year Link Certificate.

### Cable

UTP Cat 5e cable. Refer to the relevant datasheet for more information.

### Connector

The Nexans Essential Snap-In UTP connector has IDC contacts which can be terminated using either a 110 or LSA tool.

The connector is easy to install and requires minimal depth (35 mm). The symmetric cover allows cable entry from the side or the rear.

An additional clip allows compatibility with third party outlets based on the keystone form factor.

The Nexans Essential Snap-in connector is compatible with all Nexans structural hardware for Snap-ins.

### Outlet

Refer to separate datasheet for country structural hardware.

### Patch Panel

A. 19" 1 HU UTP patch panel offers high density (24 port) **top** connections. Connectivity is based on pre-mounted PCB using standard LSA IDC contacts. The tray is equipped with an integrated cable fixing device.

B. 19" 1 HU UTP patch panel offers high density (24 port) **rear** connections. Connectivity is based on pre-mounted PCB using either 110 or LSA contacts. The panel is equipped with cable tie wrap support.

### Patchcord

Nexans Essential UTP patchcords are supplied in standard lengths of 1.5 and 3 m in grey.

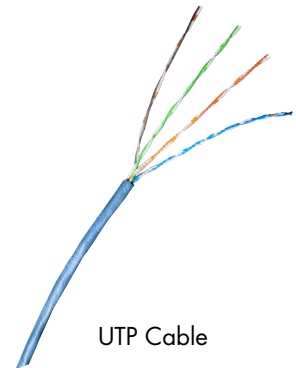
### Accessories

The Nexans Essential component range is compatible with the standard range of Nexans accessories.

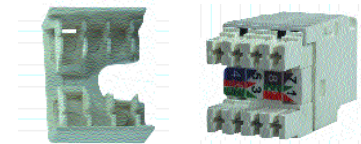
- International cover plates and adaptation rings
- Patchguides
- Termination tools
- Cabinets
- Empty Snap In Patch Panel

### Guarantees

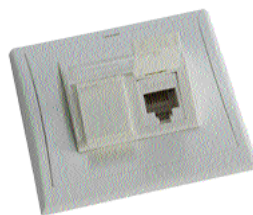
Products come with a 5 year Nexans product guarantee and 15 year link certificate when installed together as a Nexans Essential system.



UTP Cable



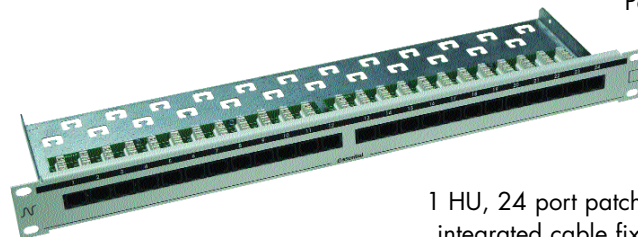
Snap-in connector



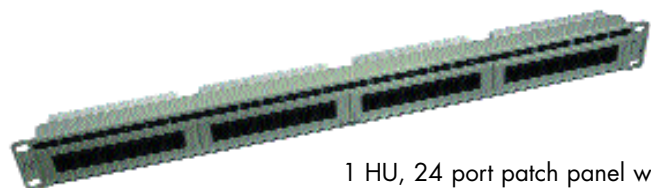
Modular outlet with unshielded Snap-in connectors



Patchcord



1 HU, 24 port patch panel with integrated cable fixing device



1 HU, 24 port patch panel with cable guide tie wrap support

## Cat 5e unscreened cabling & connectivity solution

### Ordering codes

#### • CABLE

	N° of pairs	Sheath	Colour	Packing	PART N°
UTP Cat 5e	4	PVC	Light Grey	305 m box	100.561
	4	LSZH	Orange	305 m box	100.551

500 and 1000 m reels also available

#### • PATCHCORD RJ45 - RJ45

	Length	Sheath	Colour	Packing	PART N°
UTP	1.50 m	PVC	Grey	50/box	101.581
	3.00 m	PVC	Grey	50/box	101.583

#### • PATCH PANEL 19"- 1HU

	Connection	Connectivity	Support	Packing	Colour	PART N°
UTP 24 ports	Top	LSA+termination	metal cable guide	1/box	RAL9002	500.201
	Rear	LSA+/110 termination	cable guide tie wrap	1/box	RAL9002	500.202

#### • CONNECTOR

	Dimensions	Connectivity	Colour	Packing	PART N°
UTP Snap- in	20 x 17 x 36.2	110/LSA+termination	White	100/box	420.416

#### • ACCESSORIES

	Packing	PART N°
Clip	24/bag	429.620
1 HU Patch Guide with rings	1/box	102.105
Tool LSA+	1/box	102.107
Modular Six pack Patch Panel 1HU empty for 24 Snap in connectors with clip on without sliding mechanism	1/box	521.661
Modular Six pack Patch Panel 1HU empty for 24 Snap in connectors with clip on and sliding mechanism	1/box	521.663

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without prior notice.

For installation, please refer to  
the installation guidelines.

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