

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid  
(<http://phoenixcontact.com/download>)



PROFINET patch cable, shielded, star quad, 22 AWG stranded (7-wire), green, straight RJ45 plug/IP20 to straight RJ45 plug/IP20, length: 3.5 m

PROFINET patch cable



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                 |
| GTIN         |  |
| GTIN         | 4046356763448                                                                        |

### Technical data

#### Dimensions

|                 |        |
|-----------------|--------|
| Length of cable | 3.50 m |
|-----------------|--------|

#### General data

|                       |           |
|-----------------------|-----------|
| Number of positions   | 4         |
| Overvoltage category  | I         |
| Locking type          | Push Pull |
| Rated voltage (III/3) | 72 V (DC) |
| Degree of protection  | IP20      |

#### Characteristics head 1

|          |     |
|----------|-----|
| Shielded | yes |
|----------|-----|

#### Cable

|                                 |                            |
|---------------------------------|----------------------------|
| Cable type                      | PROFINET PVC stranded CAT5 |
| Cable type (abbreviation)       | 93B                        |
| Cable structure                 | 1x4xAWG22/7; SF/TQ         |
| Conductor cross section         | 4x 0.34 mm <sup>2</sup>    |
| AWG signal line                 | 22                         |
| Conductor structure signal line | 7x 0.25 mm                 |

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

### Technical data

#### Cable

|                                               |                                                   |
|-----------------------------------------------|---------------------------------------------------|
| Core diameter including insulation            | approx. 1.5 mm                                    |
| Wire colors                                   | White, yellow, blue, orange                       |
| External sheath, color                        | green RAL 6018                                    |
| External cable diameter D                     | 6.5 mm                                            |
| Smallest bending radius, fixed installation   | 60 mm                                             |
| Smallest bending radius, movable installation | 30 mm                                             |
| Outer sheath, material                        | PVC                                               |
| Conductor material                            | Tin-plated Cu litz wires                          |
| Wave impedance                                | 100 $\Omega$ $\pm$ 15 $\Omega$ (at 1 ... 100 MHz) |

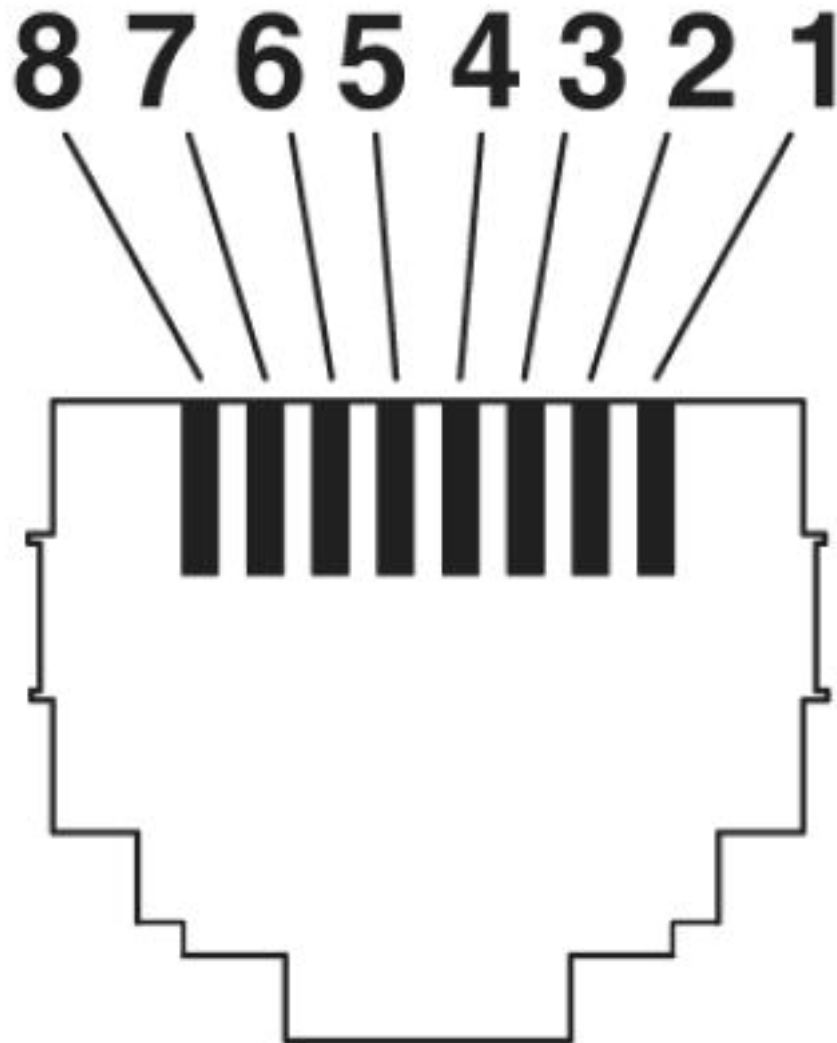
#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

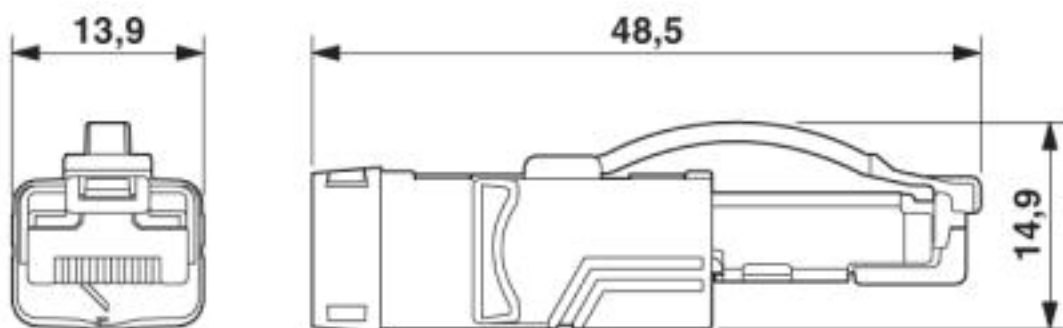
### Drawings

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

Schematic diagram



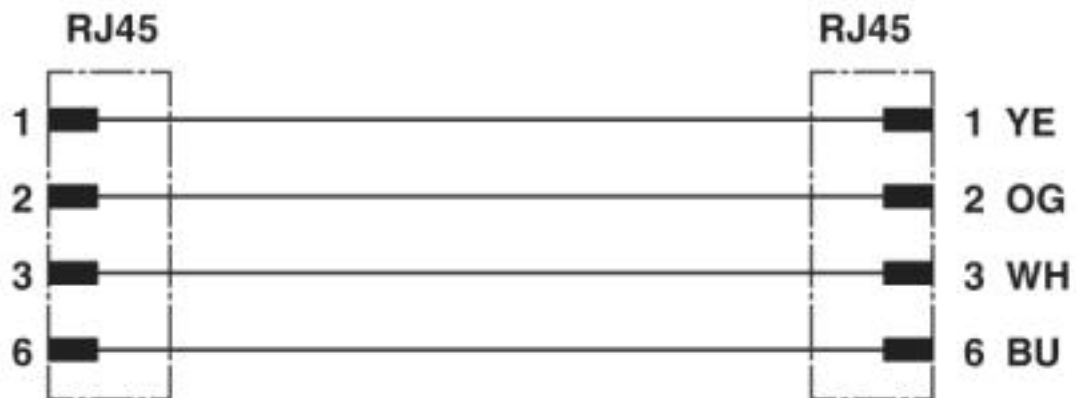
Dimensional drawing



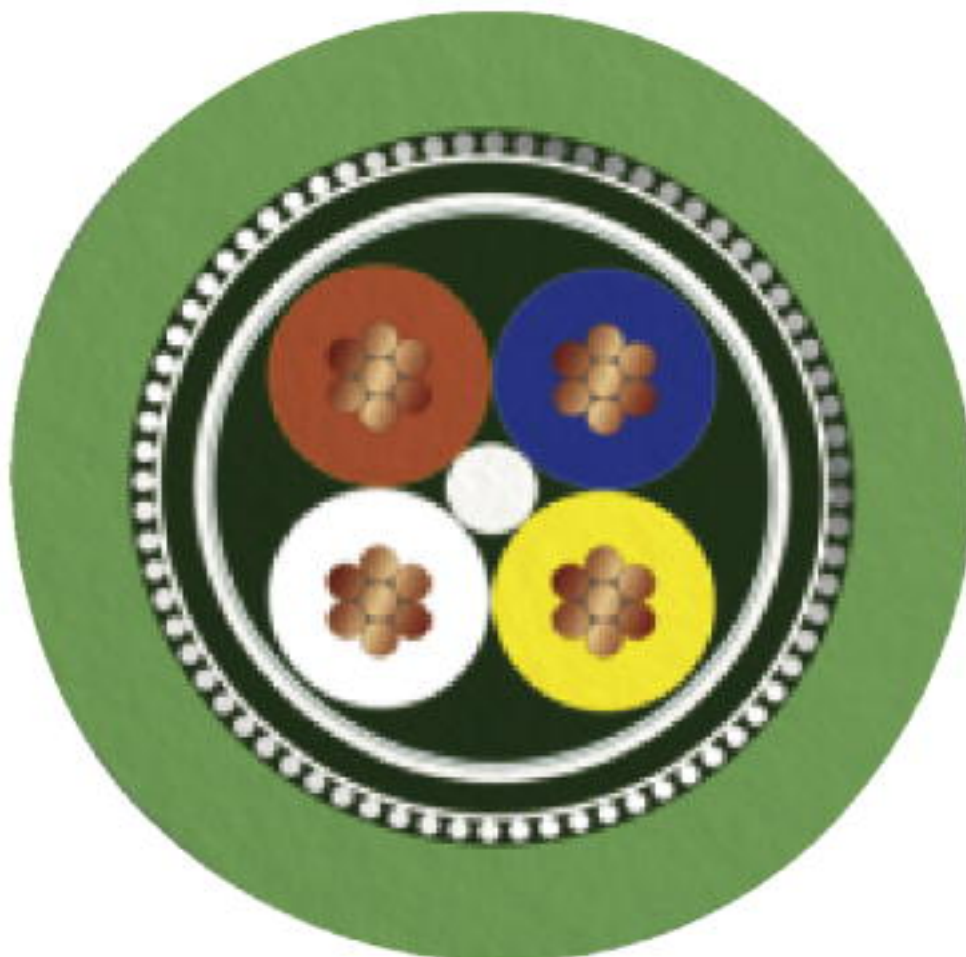
RJ45 connector, IP20

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

Circuit diagram



Cable cross section



PROFINET PVC stranded CAT5 [93B]

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27060308 |
| eCl@ss 4.0    | 24010400 |
| eCl@ss 4.1    | 24010400 |
| eCl@ss 5.0    | 19030300 |
| eCl@ss 5.1    | 19030300 |
| eCl@ss 6.0    | 27061800 |
| eCl@ss 7.0    | 27060308 |
| eCl@ss 8.0    | 27060308 |
| eCl@ss 9.0    | 27060308 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000830 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC002599 |
| ETIM 6.0 | EC001262 |
| ETIM 7.0 | EC001262 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121616 |
| UNSPSC 7.0901 | 26121616 |
| UNSPSC 11     | 26121604 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 26121604 |
| UNSPSC 18.0   | 26121604 |
| UNSPSC 19.0   | 26121604 |
| UNSPSC 20.0   | 26121604 |
| UNSPSC 21.0   | 26121604 |

### Approvals

#### Approvals

---

Approvals

EAC

---

Ex Approvals

---

#### Approval details

## Patch cable - VS-PNRJ45-PNRJ45-93B-3,5 - 1406402

### Approvals

|     |                                                                                   |          |
|-----|-----------------------------------------------------------------------------------|----------|
| EAC |  | 19060508 |
|-----|-----------------------------------------------------------------------------------|----------|

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>