

## Patch cable - NBC-R4AC/4,0-93M/R4ACR - 1420419

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PROFINET patch cable, shielded, star quad, AWG 22 flexible (7-wire), green, RJ45 connector/IP20, straight, to RJ45 connector/IP20, angled, length: 4. m

PROFINET patch cable



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 214283 |
| GTIN         | 4055626214283                                                                                           |

### Technical data

#### Dimensions

|                 |        |
|-----------------|--------|
| Length of cable | 4.00 m |
|-----------------|--------|

#### Ambient conditions

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Ambient temperature (operation) | -25 °C ... 80 °C (RJ45 connector) |
|---------------------------------|-----------------------------------|

#### General data

|                                         |           |
|-----------------------------------------|-----------|
| Rated current at 40°C                   | 1 A       |
| Rated voltage                           | 48 V      |
| Number of positions                     | 4         |
| Overvoltage category                    | I         |
| Degree of pollution                     | 1         |
| Rated voltage (III/3)                   | 72 V (DC) |
| Contact material                        | CuSn      |
| Contact surface material                | Ni/Au     |
| Housing material                        | PA 6.6    |
| Degree of protection                    | IP20      |
| Rated current                           | 1.75 A    |
| Transmission characteristics (category) | CAT5      |

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### Technical data

#### Characteristics head 1

|                        |                         |
|------------------------|-------------------------|
| Color                  | black                   |
| Material (component)   | CuSn (Contact)          |
|                        | Ni/Au (Contact surface) |
|                        | PA (Contact carriers)   |
|                        | PA (Housing)            |
| Shielded               | yes                     |
| Outer sheath, material | PUR                     |
| External sheath, color | green RAL 6018          |

#### Characteristics head 2

|                      |                         |
|----------------------|-------------------------|
| Color                | black                   |
| Material (component) | CuSn (Contact)          |
|                      | Ni/Au (Contact surface) |
|                      | PA (Contact carriers)   |
|                      | PA (Housing)            |

#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V2 |
|----------------------------------------|----|

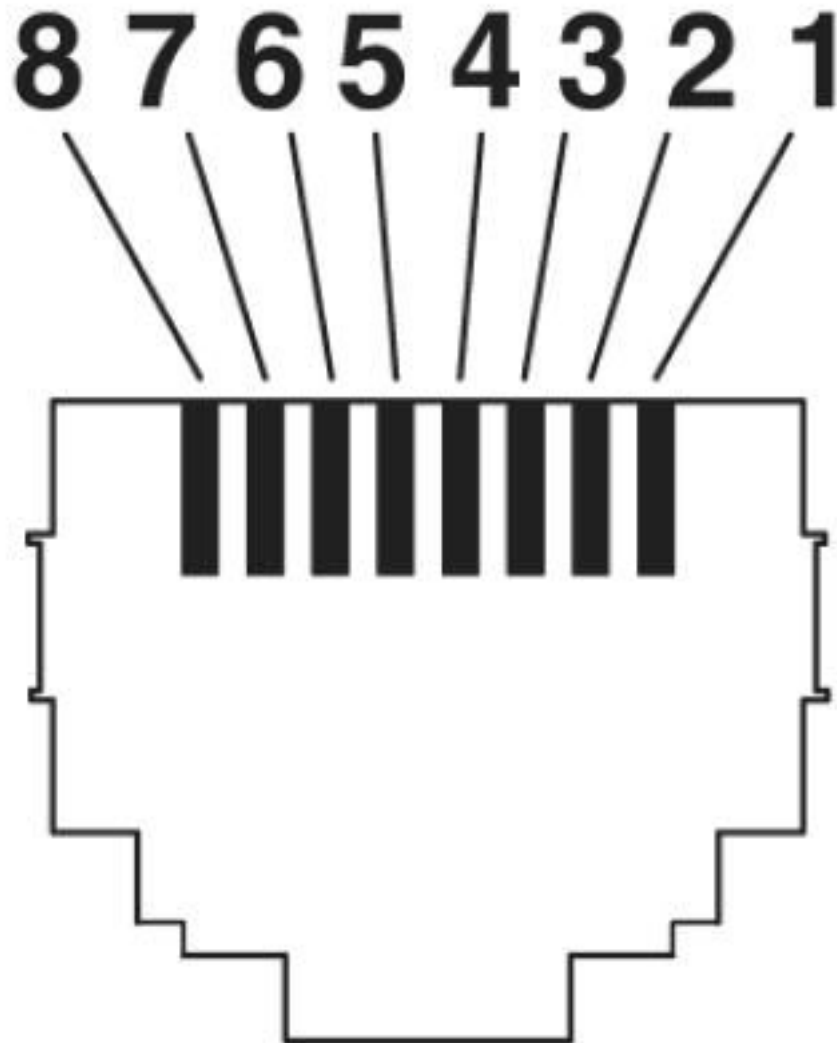
#### Environmental Product Compliance

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

### Drawings

## Patch cable - NBC-R4AC/4,0-93M/R4ACR - 1420419

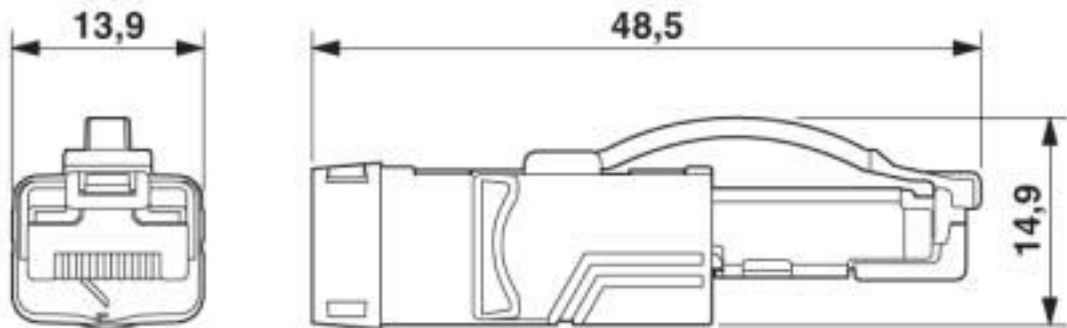
Schematic diagram



Connector pin assignment plug RJ45

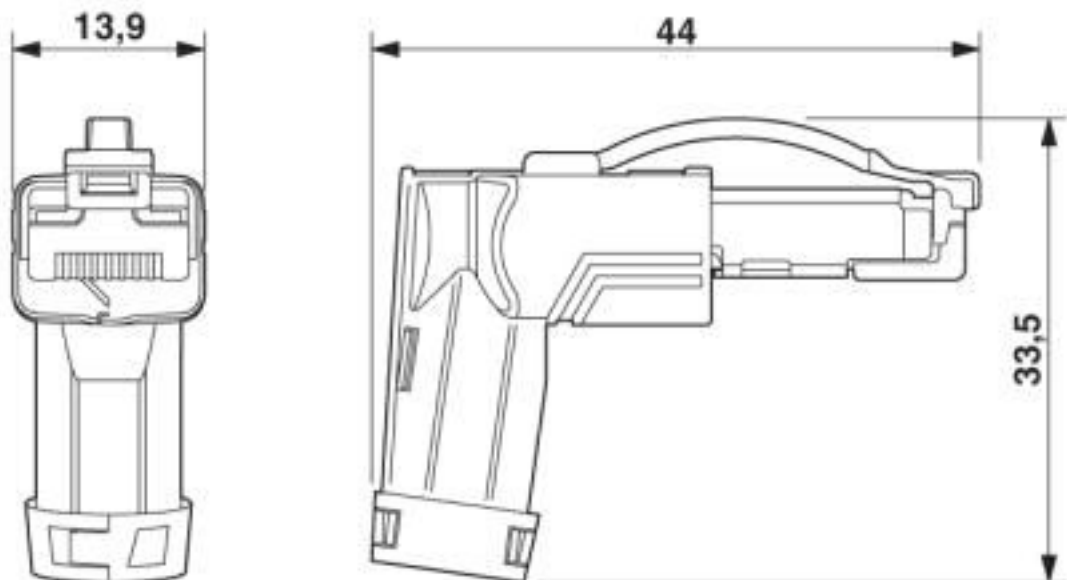
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Dimensional drawing



RJ45 connector, IP20

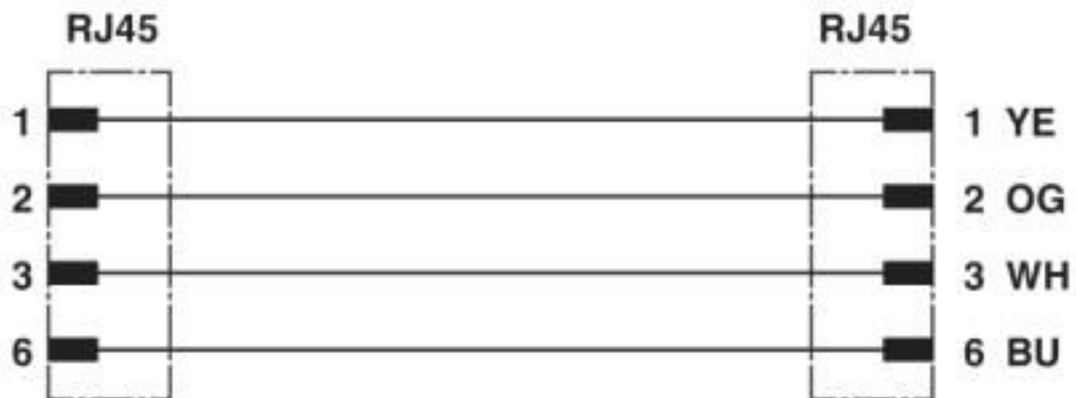
Dimensional drawing



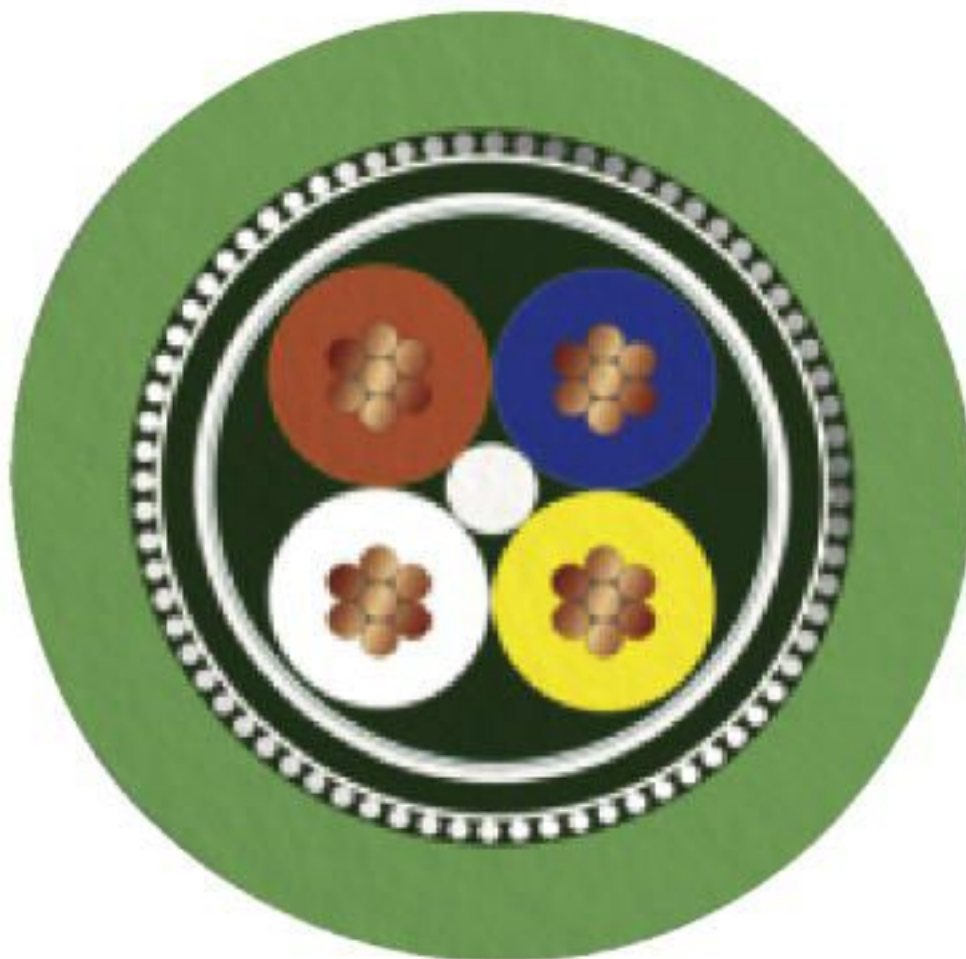
RJ45 connector, IP20, angled

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Circuit diagram



Cable cross section



PROFINET stranded CAT5 [93M]

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### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27060308 |
| eCl@ss 5.1    | 27061801 |
| eCl@ss 7.0    | 27060308 |
| eCl@ss 8.0    | 27060308 |
| eCl@ss 9.0    | 27060308 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002599 |
| ETIM 6.0 | EC001262 |
| ETIM 7.0 | EC001262 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 26121604 |
| UNSPSC 18.0 | 26121604 |
| UNSPSC 19.0 | 26121604 |
| UNSPSC 20.0 | 26121604 |
| UNSPSC 21.0 | 26121604 |

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