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Press release 1.10/2020

### Title: RJ45 Industrial Ethernet Patch cord AWG22 & Patch cord with coloured overmould (AWG26)



**Caption:** RJ45 Industrial Ethernet Patch cord

To round off the range of ready-made BUS cables, CONEC has included patch cords in its product range that are manufactured with an industrial Ethernet cord with a stranded wire cross-section of AWG22. This allows long transmission distances to be realised with low losses. In addition, the ProfiNEt cord with PUR insulation is suitable for use in industrial environments. The use of other cables will be tested on request. At all RJ45 connectors the cable shield is connected through the internal strain relief to the connector housing to ensure a continuous shielding.

PUR overmould of RJ45 offers kink protection and additional strain relief for the cord.

An integrated protection at the overmould prevent a damage of the RJ45 locking, when the cord will accidentally is pulled through obstacles.

A combination as a patch cord like e. g.RJ45 to M12 D-coded is available on request.

In addition, CONEC also offers patch cords with colour-coated RJ45. Thus, in a complex wiring environment, a patch cord can be quickly assigned to its port via the colour. CONEC offers coloured overmould upon request for almost all overmoulded RJ45s.

**Fields of application:**

* Automation technology
* Industrial interfaces
* Communication technology
* Machine manufacturing
* Control engineering
* Telecommunications
* Wireless controller

**Benefits:**

* Cat 5e overmoulded version
* Large strand cross-section AWG22
* Different colours for easy differentiation and assignment of different connections



**Productdetails:**

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| Characteristics |  RJ45 patch cord AWG 22 |
| Connector | RJ45 Cat 5e |
| Shielding | ✔ |
| No. of poles | 4 |
| Cable | 4-pos. with filler2 x 2 x AWG22Ø up to 7,4 mm |
| Strain relief | TPU overmoulded black |
| Configuration 4-pos. | Pin 1Pin 2Pin 3Pin 6Shield | yelloworangewhiteblue----- | Pin 1Pin 2Pin 3Pin 6Shield |
| Degree of protection |  | IP20 |  |

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| Merkmale |  RJ45 patch cord with coloured overmould |
| Connector | RJ45 Cat 5e |
| Shielding | ✔ |
| No. of poles | 8 |
| Leitung/ | 8-pos. Twisted Pair4 x 2 x AWG26Ø up to 7,4 mm |
| Strain relief | TPU injected |
| Configuration8-pos. according to TIA | Pin 1Pin 2Pin 3Pin 4Pin 5Pin 6Pin 7Pin 8Shield | white, orangeorangewhite, greenbluewhite, bluegreenwhite, brownbrown-------- | Pin 1Pin 2Pin 3Pin 4Pin 5Pin 6Pin 7Pin 8Shield |
| Degree of protection | IP20 |  |