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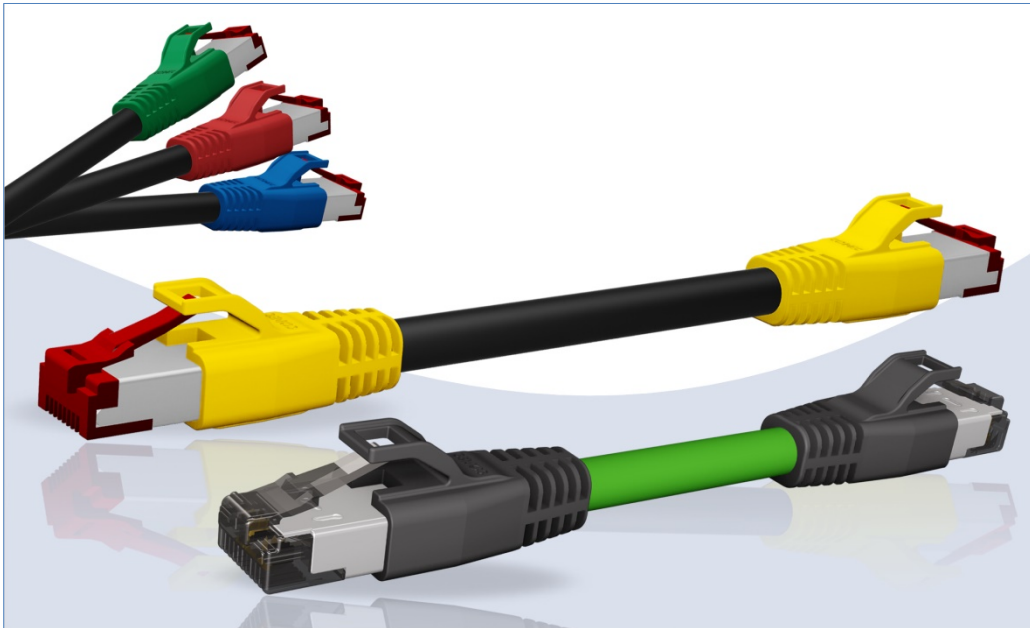
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# Press release 1.10/2020

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.

**Benefits:**

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

**Fields of application:**

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

*In case of publication we would appreciate a specimen copy, preferably as PDF file.*



**Productdetails:**

Characteristics	RJ45 patch cord AWG 22		
Connector	RJ45 Cat 5e		
Shielding	✓		
No. of poles	4		
Cable	4-pos. with filler 2 x 2 x AWG22 Ø up to 7,4 mm		
Strain relief	TPU overmoulded black		
Configuration 4-pos.	Pin 1 Pin 2 Pin 3 Pin 6 Shield	yellow orange white blue -----	Pin 1 Pin 2 Pin 3 Pin 6 Shield
Degree of protection	IP20		

Merkmale	RJ45 patch cord with coloured overmould		
Connector	RJ45 Cat 5e		
Shielding	✓		
No. of poles	8		
Leitung/	8-pos. Twisted Pair 4 x 2 x AWG26 Ø up to 7,4 mm		
Strain relief	TPU injected		
Configuration 8-pos. according to TIA	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Shield	white, orange orange white, green blue white, blue green white, brown brown -----	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7 Pin 8 Shield
Degree of protection	IP20		

*In case of publication we would appreciate a specimen copy, preferably as PDF file.*