

## CATLine Profinet cable

suitable for cable tracks with M12 male connectors



INNOVATIVE SOLUTIONS  
FOR PROFINET WIRING

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**Application:** For the field bus wiring of Profinet field bus systems in industrial sectors. This cable type is used for example in cable chain applications for automation and machine and plant construction with rough environments. The PUR outer sheath is resistant against rough environmental conditions.

### Construction:

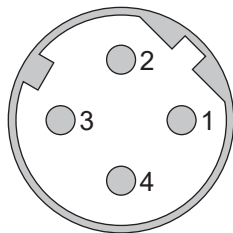
<b>Conductor:</b>	tinned copper strands
<b>Insulation:</b>	special polymer
<b>Screen:</b>	alu foil and tinned copper braiding
<b>Sheath material:</b>	PUR
<b>Sheath colour:</b>	green (RAL 6018)

### Technical Data:

<b>Min. bending radius</b> <i>continuously flexible:</i>	15 x d
<b>Temperature range</b> <i>flexible application:</i>	-20/+70 °C
<i>fixed laying:</i>	-30/+70 °C
<b>Special feature:</b>	Characteristic impedance 100Ω ± 10Ω CAT 5 with reference to EN 50173-1, oil resistant, suitable for cable tracks

### Pin configuration:

<b>Pin1:</b>	yellow
<b>Pin2:</b>	white
<b>Pin3:</b>	orange
<b>Pin4:</b>	blue
<b>Housing:</b>	screen



### Plug types:

- M12 plug (male) 4-pole, D-coded
- M12 socket (female) 4-pole, D-coded  
straight or tilted  
moulded or mounted