

# INDUSTRIAL ETHERNET CABLE CAT. 5

## SPECIAL PROFINET 679 UL



ELETTROTEK KABEL® PROFINET 679 UL



### Construction:

<b>Conductor:</b>	stranded tinned copper conductor, 7x0,25 mm - 22 AWG
<b>Insulation:</b>	PE compound
<b>Colour cores:</b>	white/blue, white/orange, white/green, white/brown
<b>Stranding:</b>	cores twisted in pairs
<b>Screen:</b>	aluminium tape + PETP foil and tinned copper braid
<b>Wrapping:</b>	non-woven tape
<b>Outer sheath:</b>	green (similar RAL 6018), FRNC compound

### Resistance:



**Self-extinguishing and flame retardant acc.to:**  
IEC 60332-3-22

### Technical data:

<b>Test voltage:</b>	core/screen 700 V
<b>Temperature range</b>	
<i>Fixed laying:</i>	-40 up to +75°C
<i>Flexible installation:</i>	-40 up to +75°C
<b>Min. bending radius:</b>	
<i>Fixed laying:</i>	3 x d
<i>Flexible installation:</i>	7,5 x d
<b>Characteristic impedance:</b>	100Ω ± 5Ω, acc. to EN 50288-2-2 CAT 5e acc. to EN 50173-1

### Features:

RoHS and CE approval



### Special Profinet 679 UL Approvals:

Germanischer Lloyd  
Lloyds Register  
Bureau Veritas  
ABS  
Det Noske Veritas

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
39318CEX022A22	2 x 2 x 0,34	6,5	-	64	22