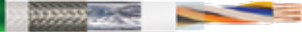


# INDUSTRIAL ETHERNET CABLE

**PROFINET 660** flexible application, type B  
**PROFINET 661** flexible application, type B UL approval



ELETTROTEK KABEL® PROFIBUS 660



## Construction:

**Conductor:** flexible red copper conductor, fine wires acc. to DIN VDE 0812  
**Insulation:** PE type LMD acc. to DIN VDE 0819 part 103  
**Colour cores:** blue, yellow, white, orange  
**Stranding:** in layers  
**Wrapping:** PETP foil  
**Inner sheath:** thermoplastic compound  
**Screen:** aluminium tape and tinned copper braid  
**Wrapping:** non-woven tape  
**Outer sheath:** green (similar RAL 6018) PVC compound

## Resistance:



**Halogen-free acc.to:** DIN VDE 0472, part 815, IEC 60754-1

## Technical data:

**Peak operating voltage:** max. 350 V  
**UL Voltage:** **(PROFINET 661):** 300 V  
**Test voltage:** core/core 1,5 kV  
 core/screen 1,2 kV  
**Temperature range (PROFINET 661) UL:** up to +75°C  
*Fixed laying:* -40 up to +70°C  
*Flexible application:* -30 up to +70°C  
**Temperature range (PROFINET 660):**  
*Fixed laying:* -30 up to +70°C  
*Flexible application:* -20 up to +70°C  
**Min. bending radius:**  
*Fixed laying:* 5 x d  
*Flexible installation:* 12 x d  
**Characteristic impedance:** 100Ω ± 5Ω, acc. to EN 50288-2-2 (CAT 5 acc. to EN 50173-1)  
**Ohmic resistance at 20°C max.Ω/km:** 58, acc. to VDE 0812

## Features:

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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. *)
39230CEX022M03	2 x 2 x 0,34	6,6	36,2	67	22
39240CEX022A22	2 x 2 x 0,34	6,6	36,2	70	22