

INDUSTRIAL ETHERNET CABLE



PROFINET 654 fixed installation, type A
PROFINET 655 fixed installation, type A, UL approval

ELETTROTEK KABEL® PROFIBUS 654



Construction:

Conductor:	solid red copper conductor
Insulation:	PE type LMD acc. to DIN VDE 0819 part 103
Colour cores:	blue, yellow, white, orange
Stranding:	in layers
Wrapping:	PETP foil
Screen:	tinned copper braid
Outer sheath:	green (similar RAL 6018) PVC compound

Resistance:



Oil resistance acc.to:
DIN VDE 0473 part.811-2-1 IEC 60811-2-1

Technical data:

Peak operating voltage:	max. 350 V
UL Voltage:	(PROFINET 655): 300 V
Test voltage:	core/core 1,5 kV core/screen 1,2 kV
Temperature range	(PROFINET 655) UL: up to +80°C
<i>Fixed laying:</i>	-30 up to +70°C
<i>Flexible application:</i>	-5 up to +70°C
Min. bending radius:	5 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:

AWM style 10578-2571 80°C 300V (**PROFINET 655**)

RoHS and CE approval



Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
39210CEX022M03	2 x 2 x 0,34	5,3	28	43	22
39220CEX022A22	2 x 2 x 0,34	5,9	30,4	51	22