



Data Sheet	2170931
ETHERLINE® PN Cat.6_A FRNC FLEX 4x2xAWG23/7	Valid from: 13.11.2013

Cable design

Wire

Stranded tinned wire (7x0,22)
Insulation of Skin-Foam-Skin Polyethylen

∅ AWG 23
max. 1.52 mm

2 cores individually screened with aluminium bonded plastic tape

4 pair stranded to a core

Sequence of colours:

blue - white/blue; orange - white/orange; green - white/green; brown - white/brown

optional: white cores without colour marking: blue-white; orange- white; green- white; brown - white

Shield braiding of tinned copper wires
diameter

0.1- 0.13 mm

Coverage approx. 85%

Jacket

FRNC

acc. to UL 444, Tabelle 9 (75 °C)

green RAL 6018

∅ (8,8 ±0.2) mm

Electrical requirements according to IEC61156-6 Category 6_A

Mechanical and thermal characteristics

c(UL)us, Typ CMG acc. to UL 444 and FT-4 acc. to UL 1581

bending radius:

during installation:

15 x cable ∅

fixed installation:

10 x cable ∅

temperature range

during installation:

-20° C to +60° C

fixed installation:

-40° C to +80° C

Sunlight resistance:

acc. to UL 1581 Sec. 1200

Flame propagation:

flame retardant acc. to UL 1685 (CSA FT 4)

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