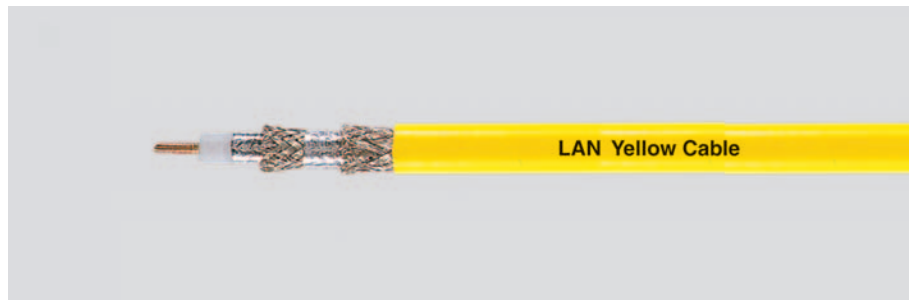




Ethernet Cheapernet Cable, Yellow Cable, Transceiver Cable



Cable structure

Inner conductor diameter:
 Conductor material:
 Core insulation:
 Number of cores:
 Core colours:
 Screen over stranding element:

Screen over stranding 1:

Screen over stranding 2:

Outer sheath material:
 Outer Ø
 Outer sheath colour:

Cheapernet Cable Yellow Cable

0,72 mm
 Copper, tinned
 Foam-skin-PE
 1
 White
 -
 Polyester foil,
 aluminium-lined
 Cu braid, tinned
 PVC
 approx. 4,6 mm
 Grey

2,17 mm
 Copper, bare
 Foam-skin-PE
 1
 Transparent
 Polyester foil,
 aluminium-lined
 Cu braid, tinned
 Polyester foil,
 aluminium-lined
 PVC
 approx. 10,3 mm
 Yellow

Transceiver Cable

0,89 mm
 Copper, tinned
 PE
 8
 gn/bu, ye/og, gy/wh, rd/bk
 Polyester foil,
 aluminium-lined
 -
 Polyester foil,
 aluminium-lined
 PVC
 approx. 10,6 mm
 Grey

Electrical data

Characteristic impedance:
 Mutual capacitance:
 Direct current resistance:
 Rel. propagation velocity:

50 Ohm
 88,59 nF/km nom.
 50 Ohm/km
 77 %

50 Ohm
 78 nF/km nom.
 -
 85 %

78 Ohm
 64 nF/km nom.
 -
 66 %

Typical values

Frequency (MHz)	4	10	4	10	4	10
Attenuation (dB/100m)	1,2	1,8	3,3	4,6	4,2	6,0

Technical data

Weight: 32,00 kg/km
 Min. bending radius for laying: 69 mm
 Operating temperature range min.: -10°C
 Operating temperature range max.: +80°C
 Caloric load, approx. value: 0,36 MJ/m
 Copper weight: 21,0 kg/km

176 kg/km
 117 mm
 -10°C
 +70°C
 -
 128,0 kg/km

142,00 kg/km
 159 mm
 -10°C
 +60°C
 -
 95,0 kg/km

Application

HELUKABEL® ETHERNET types are used as baselines (Yellow + Cheapernet) and cable connections (Transceiver or AUI) within the Ethernet wiring structure.

Part no.

80044, Cheapernet cable

80074, Yellow cable

80076, Transceiver cable

Dimensions and specifications may be changed without prior notice.

