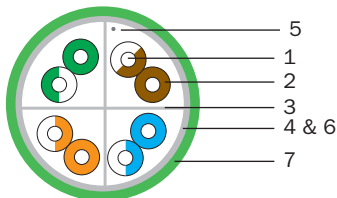


Construction



1 Conductor

Diameter

2 Insulation Color Code

Pair 1

Pair 2

Pair 3

Pair 4

3 Central Cross

4 Synthetic Polyester Foil

Coverage

5 Drain Wire

6 Shielding

Coverage

7 Sheat

Diameter (mm)

Color

Solid Bare Copper

AWG 23

Solid PE

Blue/White-Blue

Orange/White-Orange

Green/White-Green

Brown/White-Brown

PE Spline

>100%

Solid Tinned Copper

Al / PES Bleu

>100%

LSZH

6.90 ± 0.40

Green - RAL 6018

Color on request

Marking

B-CABLES EN50575 C_{ca s1d1a1} DOP-BSYXXX 4 PAIRS AWG 23 F/UTP CAT 6 250MHZ – 100 ΩHM – ISO11801/TIA-EIA 568-B.2 CE LSZH F2 SA SD XXXXXX

Electrical Characteristics

Characteristics Impedance (Ω)

from 1 to 100 MHz

100 ± 15

from 100 to 250 MHz

100 ± 20

Conductor DC Resistance @ 20°C (Ω/km)

< 95

Nominal Velocity of Propagation

72%

	Attenuation	Return Loss	NEXT
1 MHz	2.00	20.00	74.30
4 MHz	3.80	23.00	66.30
10 MHz	6.00	25.00	60.30
16 MHz	7.60	25.00	57.20
25 MHz	9.50	24.30	54.30
31.25 MHz	10.70	23.60	52.90
100 MHz	19.80	20.10	45.30
200 MHz	29.00	18.00	40.80
250 MHz	32.80	17.30	39.30

Normen / Normes

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 61156-5:2012 (Ed. 2.1)
- EN 50173-1:2011 / EN 50173-2:2007 Including amendment A1:2010
- EN 50288-5-1:2013
- ANSI/TIA-568-C.2: 2009

Euroclass C_{ca s1d1a1}



Mob: °C +5 +80
Fix: °C -35 +80

Cca

s1d1a1

