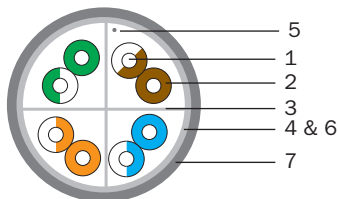


Construction**1 Conductor**

Diameter

Solid Bare Copper

AWG 23

2 Insulation Color Code

Pair 1

Pair 2

Pair 3

Pair 4

Solid PE

Blue/White-Blue

Orange/White-Orange

Green/White-Green

Brown/White-Brown

3 Central Cross**PE Spline****4 Synthetic Polyester Foil**

Coverage

>100%

5 Drain Wire**Solid Tinned Copper****6 Shielding**

Coverage

Al / PES Bleu

>100%

7 Sheat

Diameter (mm)

Color

PVC

6.90 ± 0.40

Grey - RAL 7035

Marking

B-CABLES EN50575 E_{CA} DOP-BSYXXX 4 PAIRS AWG 23 F/UTP CAT 6 250MHZ -
100 OHM - ISO11801/TIA-EIA 568-B.2 CE PVC XXXXXM

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 :2011 (Ed. 2.2)
- IEC 61156-5:2012 (Ed. 2.1)
- EN 50173-1 :2011
- EN 50173-2:2007 including amendment A 1:2010
- EN 50288-6-1 :2013
- ANSI/TIA-568-C.2:2009

Euroclass E_{ca}