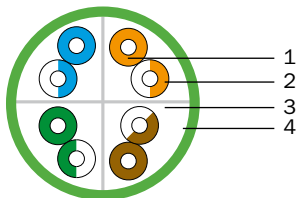


Construction



1 Conductor

Diameter

2 Insulation Color Code

Diameter (mm)

Pair 1

Pair 2

Pair 3

Pair 4

3 Central Cross

4 Sheath

Diameter (mm)

Color

Solid Bare Copper

AWG 23

Solid PE

0.98 ± 0.05

Blue/White-Blue

Orange/White-Orange

Green/White-Green

Brown/White-Brown

PE Spline

LSZH

6.0 ± 0.5

Green RAL 6016

Green RAL 6018

Color on request

Marking

B-CABLES EN50575 C^{ca s1d1a1} DOP-BSYXXX, 4 PAIRS AWG23 U/UTP CAT 6 250MHZ - 100 OHM - DELTA - ISO11801/TIA-EIA 568-B.2 CE LSZH F2 SA SD XXXXXXM

Electrical Characteristics

Characteristics Impedance (Ω)

from 1 to 100 MHz

from 100 to 250 MHz

Conductor DC Resistance @ 20°C (Ω/km)

Nominal Velocity of Propagation

100 ± 15

100 ± 20

< 95

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

Comply with EIA/TIA 568 & ISO/IEC 11801 CAT 6 Standard

Euroclass C
ca s1d1a1



Mob: °C -5 +80
Fix: °C -35 + 80



Cca



s1d1a1

