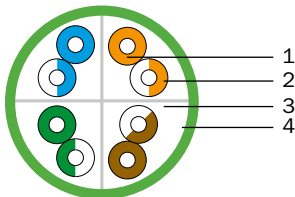


Construction



1 Conductor

Diameter

Solid Bare Copper

AWG 23

2 Insulation Color Code

Diameter (mm)

Pair 1

Pair 2

Pair 3

Pair 4

Solid PE

0.98 ± 0.05

Blue/White-Blue

Orange/White-Orange

Green/White-Green

Brown/White-Brown

3 Central Cross

PE Spline

4 Sheath

Diameter (mm)

Color

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

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

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

U/UTP CAT6 4P LSOH Cca-s1

