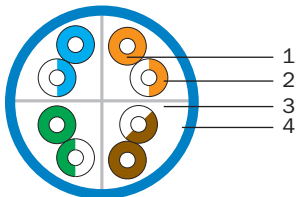


Construction



1 Conductor

Diameter

Solid Bare Copper

AWG 24

2 Insulation Color Code

Diameter (mm)

Pair 1

Pair 2

Pair 3

Pair 4

Solid PE

0.85 ± 0.05

Blue/White-Blue

Orange/White-Orange

Green/White-Green

Brown/White-Brown

3. Small Central Cross

PE Spline

4 Sheath

Thickness (mm)

Diameter (mm)

Color

LSZH

0.40

5.10 ± 0.25

White - RAL 9003

Blue - RAL 5015

Marking

BCABLES EN50575 DCA S2 D1 A1 DOP-BSY06D-XX ZZWWYY 4 PAIRS

AWG24 U/UTP CAT 6 250MHZ – 100 OHM – ISO11801/TIA-EIA

568-B.2 CE LSZH F2 SA SD XXXXXM

Electrical Characteristics

Characteristics Impedance (Ω)

from 1 to 100 MHz

from 100 to 250 MHz

Conductor DC Resistance @ 20°C (Ω/km)

Rated Temperature

Velocity ratio

100 ± 15

100 ± 20

< 95

60 °C

69%

	Attenuation	Return Loss	NEXT
1 MHz	4.0	21.00	65.0
4 MHz	4.0	21.00	64.1
10 MHz	5.6	21.0	57.8
16 MHz	7.1	20.0	54.6
31.25 MHz	10.00	18.50	50.00
100 MHz	18.5	14.0	45.1
200 MHz	27.1	11.0	36.9
250 MHz	30.7	10.0	35.3

Normen / Normes

Comply with FLUKE ISO CLASS E Perm.Link Standard

Euroclass D ca s2d1a1