

**Construction**

<b>1 Conductor</b>	<b>Bare Copper</b>
Diameter	AWG 23
<b>2 Insulation Color Code</b>	<b>HDPE</b>
Pair 1	Blue/White-Blue or White
Pair 2	Orange/White-Orange or White
Pair 3	Green/White-Green or White
Pair 4	Brown/White-Brown or White
<b>3 Central Cross</b>	<b>PE Spline</b>
<b>4 Sheath</b>	<b>PE for outdoor use (UV resistant)</b>
Diameter (mm)	6.00 ± 0.20
Color	Black

**Marking**

BCABLES EN50575 F<sub>CA</sub> DOP-BSYXXX-4 PAIRS AWG 23 U/UTP CAT 6 250MHZ – 100 OHM – ISO11801/TIA-EIA 568-B.2 CE PE 001M

**Electrical Characteristics**

Characteristics Impedance @	1~100 MHz (Ω)	100 ± 15
	100~250 MHz (Ω)	100 ± 20
Conductor DC Resistance @ 20°C (Ω/km)		≤ 95
Mutual Capacity @ 1KHz (pF/km)		≤ 1500
NVP		72%

EIA /TIA 568-B.2-1 Category 6 Standard:

	<b>Attenuation</b>	<b>Return Loss</b>	<b>NEXT</b>
4 MHz	3.80	23.00	65.30
10 MHz	6.00	25.00	59.30
16 MHz	7.60	25.00	56.20
25 MHz	9.50	24.30	53.30
31.25 MHz	10.70	23.60	51.90
100 MHz	19.80	20.10	44.30
200 MHz	29.00	18.00	39.80
250 MHz	32.80	17.30	38.30

