

Construction

1 Conductor Diameter	Solid Bare Copper AWG 24
2 Insulation Color Code	Solid PE
Diameter (mm)	0.90 ± 0.05
Pair 1	Blue/White-Blue
Pair 2	Orange/White-Orange
Pair 3	Green/White-Green
Pair 4	Brown/White-Brown
3 Sheath	PVC
Diameter (mm)	5.20 ± 0.50
Color	Grey - RAL 7035

Marking

BCABLES EN50575 E_{ca} DOP-BSYXXX-4 PAIRS AWG 24 U/UTP CAT 5E 200MHZ – 100 OHM – ISO11801/TIA-EIA 568-B.2 CE PVC 001M

Standards

Comply with EIA/TIA 568 & ISO/IEC 11801 CAT 5e Standard
Euroclass E_{ca}

Electrical Characteristics

Characteristics Impedance @ 1~100 MHz (Ω)	100 ± 15
Conductor DC Resistance @ 20°C (Ω/km)	≤ 96
Rated Temperature	-10 ~ +70 °C

	Attenuation	Return Loss	NEXT
1 MHz	2.04	20.00	65.30
4 MHz	4.10	23.00	56.30
10 MHz	6.90	25.00	50.30
16 MHz	8.60	25.00	47.20
20 MHz	9.40	25.00	45.80
25 MHz	10.40	24.30	44.30
31.25 MHz	11.70	23.60	42.90
62.5 MHz	17.00	21.50	38.40
100 MHz	22.00	20.10	35.30

