

Construction

1 Conductor Diameter	Solid Bare Copper AWG 24
2 Insulation Color Code Pair 1 Pair 2 Pair 3 Pair 4	Solid PE Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown
3 Synthetic Polyester Foil	
4 Drain Wire	Solid Tinned Copper
5 Shielding	Al / PES > 110%
6 Sheath Diameter (mm) Color	PVC 5.70 ± 0.50 Grey

Marking

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

