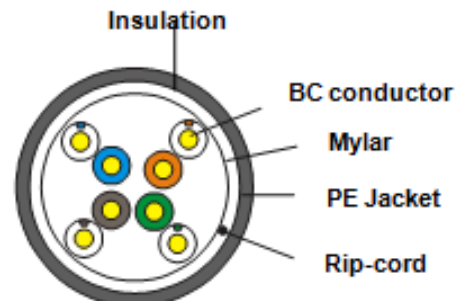


Installation Cable U/UTP Cat.5 4 pair
PE, Outdoor

Drawing no.
DK-IC5EUPEB



Application & standards

- Application: Ethernet 10Base-T, 100Base-TX, 1000Base-T Gigabit, Token Ring, 622Mbps ATM, 155 Mbps ATM.
- Standards: ISO/IEC 11801, EN-50173, TIA568-C.2, YD/T1019
- UV Resistance: Yes
- Segregation class: B in accordance to EN50174-2
- CPR: Class Fca, EN-50575

Cable construction

- Conductor: Solid Bare Copper Wire Nom.OD = 0,49mm (AWG24) +/-0,005
- Conductor Insulation: HDPE, Diameter = 0,87 +/-0,03mm
- Sheath thickness: 0,55 mm +/-0,05
- Outer Diameter: 5,2mm +/-0,4
- Sheath material: LDPE, RoHS Compliant
- Sheath Color: Black
- Sheath printing: Letter height 3,0mm +/-0,3 "Description + batchno. + meter marking"
- Core Color pair1: White-blue / blue
- Core Color pair2: White-Orange/ Orange
- Core Color pair3: White-Green / Green
- Core Color pair4: White-Brown / brown

Mecanical Charateristics

- Bending Radius: 4 x cable O.D. without load / 8 x cable O.D. with load
- Rip Cord: Yes
- Drain Wire: No
- Temperature Range: During Operation: -40°C - +75°C / During Installation: -20°C - +50°C
- Netto weight: 8,2 kg/305 mtr. - 13,4 kg/500 mtr.
- Brutto weight: 8,9 kg/305 mtr - 15,4 kg/500 mtr.
- Pull Force: 100N

Electrical Characteristics (at 20°C)

- Impedance: 1,0-250,0Mhz: 100Ω +/- 15
- Delay Skew: 1,0-250,0Mhz: ≤45 ns/100m
- DC Resistance: Max 9,5 Ω/100m
- DC conductor: Resistance Unbalanced, Max 5,0%
- NVP: 69%

Technical Performance (100mtr)

Frequency MHz	RL ≥dB	Att. (20°C) ≤ dB	NEXT ≥ dB	PHASE DELAY ≤ ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥ dB
1	20.0	2.0	65.3	570.00	62.3	63.8	60.8
4.0	23.0	4.1	56.3	552.00	53.3	51.8	48.8
8.0	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10.0	25.0	6.5	50.3	545.38	47.3	43.8	40.8
16.0	25.0	8.2	47.2	543.00	44.4	39.7	36.7
20.0	25.0	9.3	45.8	542.05	42.8	37.8	34.8
25.0	24.3	10.4	44.3	541.20	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	23.8	20.8

Package information

305 mtr.: HxDxW 38x28x22cm White carton box with logo and label.

Ordering information

Order no.	EAN Code	Description	Colour	Packsize
DK-IC5EUPEB.305	5705721127061	Cable Cat.5E U/UTP 4x2xAWG24 PE	Black	305m/box