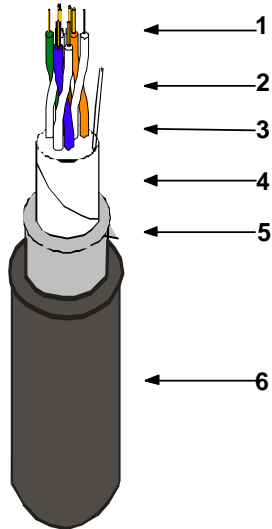


CABLE DESIGN

UTP Cat.5E PVC+PE BLACK (Solid)

P/N 65504PE

CABLE DIAGRAM



CONSTRUCTION

- 1 - CONDUCTOR
Annealed copper wire diameter 0.495±0.005 mm
Bare copper (purity 99,99%)
- 2 - INSULATION
Solid polyethylene diameter 0,88±0.02 mm
- 3 - PAIRS
Color code : blue / white-blue, orange / white-orange
green / white-green, brown /white-brown
- 4 - NOT USE
- 5 - JACKET
PVC light grey thickness diameter 0.35±0,05 mm MIN
- 6 - OUTER JACKET
PE COMPOUND BLACK thickness diameter 0.40±0,05 mm MIN
External diameter 6,5±0.3 mm
- 7 - MARKING
LEXI NET 65504PE 4PR 24AWG UTP SOLID PVC+PE CABLE ETL VERIFIED
TIA/EIA-568-B.2 CAT.5e.. *metric m (ww/yy)*

ELECTRICAL CHARACTERISTICS

- Mutual Capacitance(maximum) : 5.6 nf/100M
- Capacitance Unbalance(maximum) : 330 pF
- Velocity of Propagation : 68 %
- Delay Skew : 45 ns/100m

FREQUENCY (MHz)	ATTENUATION dB/100m MAX	NEXT dB min	PS-NEXT dB MIN	RL dB MIN	ELFEXT dB MIN	PS-ELFEXT dB MIN	IMPEDANCE (OHMS)	WP-ACR (dB/100m) MIN	PS-ACR dB/100m MIN
1	—	65.3	62.3	20.0	63.8	60.7	100±15	63.3	60.3
4	4.1	56.3	53.3	23.0	51.7	48.7	100±15	52.2	49.2
10	6.5	50.3	47.3	25.0	43.8	40.7	100±15	43.8	40.8
16	8.2	47.3	44.2	25.0	39.7	36.7	100±15	39.1	36.0
20	9.3	45.8	42.8	25.0	37.7	34.7	100±15	36.5	33.5
25	10.4	44.3	41.3	24.3	35.8	32.8	100±15	33.9	30.9
31.25	11.7	42.9	39.9	23.6	33.9	30.8	100±15	31.2	28.2
62.5	17.0	38.4	35.4	21.5	27.8	24.8	100±15	21.4	18.4
100	22.0	35.3	32.3	20.1	23.8	20.7	100±15	13.3	10.3

ELECTRICAL STANDARD ACCORDING TO TIA/EIA 568-B.2