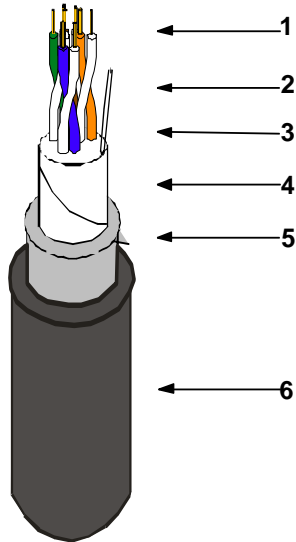


CABLE DESIGN

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

P/N 65704PE

CABLE DIAGRAM



CONSTRUCTION

1 - CONDUCTOR

Annealed copper wire
Bare copper (purity 99,99%)

diameter 0.50±0.005 mm

2 - INSULATION

Solid polyethylene

diameter 1.03±0.02 mm

3 - PAIRS

Color code :

blue / white-blue, orange / white-orange
green / white-green, brown / white-brown

4 - WRAPPING and OVERALL SCREEN

PET tape
+ AL / PET tape
+ tinned copper drain wire

thickness 0.020 mm
thickness 0.050 mm
diameter 0.40 ±0.005mm

5 - JACKET

PVC

thickness diameter 0.35 mm Minimum

6 - OUTER JACKET

PE COMPOUND BLACK

thickness diameter 0.40 mm Minimum
External diameter 7,2±0.3 mm

7 - MARKING

LEXI net ProNet 65704PE 4PR 24AWG FTP SOLID PVC+PE CABLE ETL
VERIFIED TIA/EIA-568-B.2 CAT.5e.. **metric m (ww/yy)**

(example:for production in week n°26 year 2011 : **WW/YY = 26/07**)

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