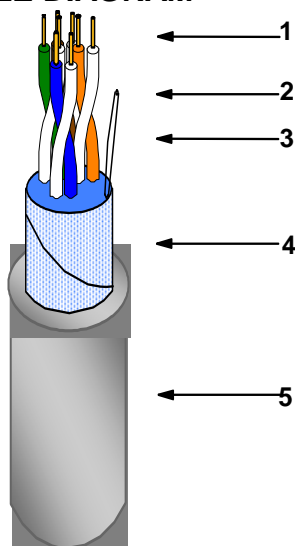


# CABLE DESIGN

## UTP Cat.5E LSZH (Stranded)

### P/N 65604AH

#### CABLE DIAGRAM



#### CONSTRUCTION

- 1 - CONDUCTOR  
Annealed copper wire  
Bare copper (purity 99,99%)  
diameter 7/0,20 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 - NOT USE
- 5 - OUTER JACKET  
LSZH compound (grey RAL7035)  
thickness diameter 0.47 mm Minimum  
External diameter 5.1±0.3 mm
- 6 - MARKING  
LEXI NET 65604AH 4PR 24AWG UTP STRANDED LSZH 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