

# LAN CABLE U/UTP CAT 6A

CM-C6AUCU23L305BF

**CPR CERTIFIED**  
CONSTRUCTION PRODUCTS REGULATION  
CPR Regulation (EU) n° 305/2011

Jacket  
**PVC**

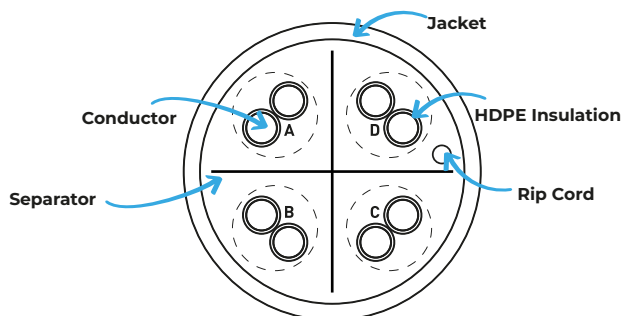
Conductor  
**23 AWG**

Category  
**6A**

Type  
**U/UTP**

Length  
**305m**

Euro Class  
**Eca**



## General

Cable length	305m
Cable category	6A

## Conductor

Material	Solid Bare Copper
Size	0.57 ± 0.01 mm / 23AWG

## Insulation

Material	HDPE
OD	Ø 1.00 ± 0.01 mm

## Outer jacket

Material	LSZH (CPR-ECA)
Wall Thickness	Nom (0.6 mm PVC)
OD	5.8 mm ± 0.2 mm

## Ripcord

Nylon

## Separator

PE Crossweb

## Electrical features

Temperature rating	70°C
Voltage rating (V)	30V
Capacitance	5.6nF/100m .Nom
Characteristic impedance	1-100MHz,100±15%,101-250MHz,100±22%
Velocity of propagation	≥67%
DCR Conductor	9.38 Ohms/100m .Nom
D-C Resistance Unbalance	≤5%

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	ACRF (dB/)	PS.NEXT (dB)	PS.ACRF (dB)	RL (dB)	Delay (ns/100m)	Skew (ns/100m)
1	2.1	74.3	67.8	72.3	64.8	20.0	570	45
4	3.8	65.3	55.8	63.3	52.8	23.0	552	
8	5.3	60.8	49.7	58.8	46.7	24.5	547	
10	5.9	59.3	47.8	57.3	44.8	25.0	545	
16	7.5	56.2	43.7	54.2	40.7	25.0	543	
20	8.4	54.8	41.8	52.8	38.8	25.0	542	
25	9.4	53.3	39.8	51.3	36.8	24.3	541	
31.25	15.0	51.9	37.9	49.9	34.9	23.6	540	
62.5	19.1	47.4	31.9	45.4	28.9	21.5	539	
100	27.6	44.3	27.8	42.3	24.8	20.1	538	
200	31.1	39.8	21.8	37.8	18.8	18.0	537	
250	32.8	38.3	19.8	36.3	16.8	17.3	536	
300	34.3	37.1	18.3	35.1	15.3	16.8	536	
400	40.1	35.3	15.8	33.3	12.8	15.9	536	
500	45.3	33.8	13.8	31.8	10.8	15.2	536	