

# LAN CABLE U/UTP CAT 6

CM-C6UCU24L305GF

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

Jacket  
**PVC**

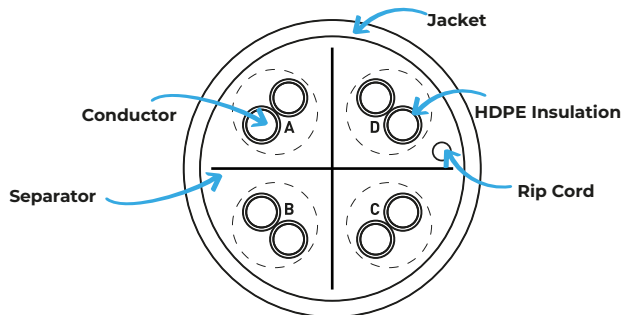
Conductor  
**24 AWG**

Category  
**6**

Type  
**U/UTP**

Length  
**305m**

Euro Class  
**Eca**



## General

Cable length	305m
Cable category	6

## Conductor

Material	Solid Bare Copper
Structure	4x2x0.50 mm
Size	0.50 ± 0.01 mm / 24AWG

## Insulation

Material	HDPE
OD	∅ 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	2.0	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	6.0	59.3	47.8	57.3	44.8	25.0	545	
16	7.6	56.2	43.7	54.2	40.7	25.0	543	
20	8.5	54.8	41.8	52.8	38.8	25.0	542	
25	9.5	53.3	39.8	51.3	36.8	24.3	541	
31.25	10.7	51.9	37.9	49.9	34.9	23.6	540	
62.5	15.4	47.4	31.9	45.4	28.9	21.5	539	
100	19.8	44.3	27.8	42.3	24.8	20.1	538	
200	29.0	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	