



LAN CABLE F/UTP CAT 6

CM-C6FCU23P305GF

CPR CERTIFIED

CONSTRUCTION PRODUCTS REGULATION

CPR Regulation (EU) n° 305/2011

Jacket
PVC

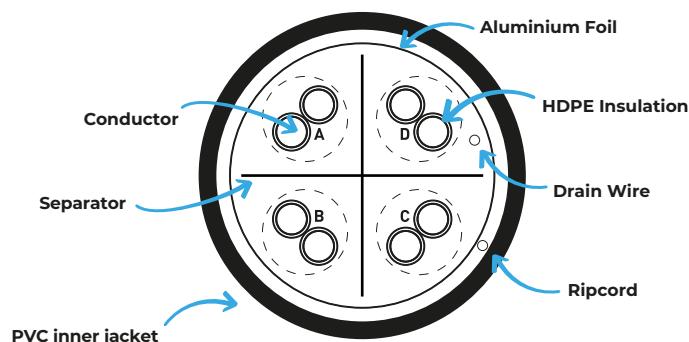
Conductor
23 AWG

Category
6

Type
F/UTP

Length
305m

Euro Class
Eca



General

Cable length	305m
Cable category	6

Conductor

Material	Solid bare copper(CU)
Size	0.57 mm $\pm$ 0.01 mm / 23AWG

Insulation

Material	HDPE
OD	$\varnothing$ 1.00 $\pm$ 0.01 mm

Shielded

Aluminium foil 25-30 μ

Jacket

Material	PVC (CPR-Eca)
Wall Thickness	Nom(0.6 mm PVC)
OD	5.8 $\pm$ 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 $\pm$ 15%,101-250MHz,100 $\pm$ 22%
Velocity of propagation	$\geq$ 67%
DCR Conductor	9.38 Ohms/100m .Nom
D-C Resistance Unbalance	$\leq$ 5%

Frequency (MHz)	Attenua- tion (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	