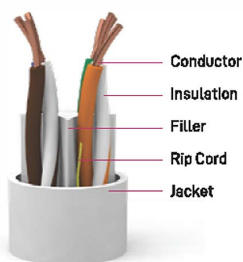
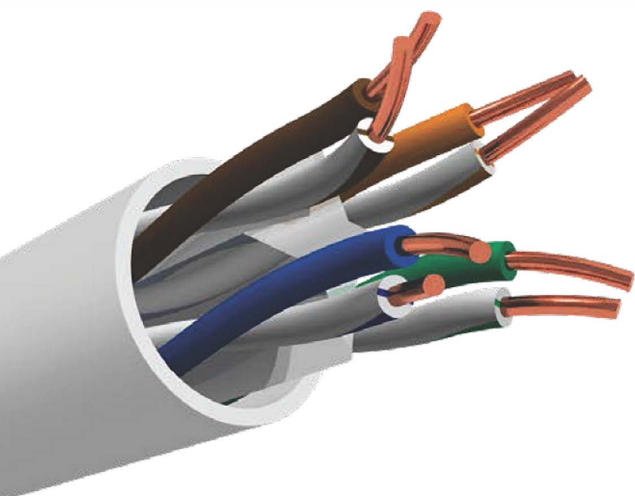


# CABLE U/UTP C6A

C200.ALUR5B



## CABLE CONSTRUCTION

<b>Conductor</b>	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.58 ± 0.005mm. 23 & 24AWG
<b>Insulation</b>	Material	HPDE
<b>Insulation Diam. Ø</b>		1.16 ± 0.02mm
<b>Thickness</b>		AVG: 0.30mm, MIN: 0.29mm
<b>Each Pair is Twisted and Unshielded</b>	Filler	PE: 4.8 * 0.4
	Rip Cord	Yes
<b>Jacket LSZH-RoHS</b>	Thickness	AVG: 0.55mm ± 0.05mm
	Outer Diam.Ø	6.0 ± 0.40mm
	Jacket Color (standard)	White: RAL 9016 ○
<b>Code Color</b>	1White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
<b>Dimension - Weight</b>	37x37x26cm - 52Kg/Km	
<b>Packing</b>	1 Wooden Drum	
<b>Packing Length</b>	305 ± 1.0m	

## PRODUCT DESCRIPTION

### • Standard Reference:

ISO/IEC 11801:2011  
IEC 61156-5:2012  
EN 13501-6  
EN 50173-1:2011  
EN 50173-2:2007 Including amendment A1:2010  
EN 50288-9-1:2012  
EN 50288-4  
EN 50575:2014+A1:2016  
EN 50399:2001+A1:2006  
EN 60332-1[1,2],60332-3C, 60754-[1,2], 61034-[1,2]  
ANSI/TIA-568-6-2:2009

### • Rated temperature: 90°C

• Installation temperature:  
-30°C~+50°C  
• RoHS/REACH complied  
• DoP N°: 2658-CPR-5015\_FAM094\_05  
• Application:  
VoIP, ISDN  
Token, 100M TP-PDM  
Analog and Data Video  
TR-16 Active and Passive  
115M/662m/1.2GATM  
IEEE802.3: 100Base, 100Base-T,  
1GBase-T, 10GBase-T.

### CPR Class:



## TECHNICAL PERFORMANCE (100m)

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	ACR (dB)
4	23.0	3.7	65.27	40.00
8	24.5	5.2	60.75	40.00
10	25.0	5.9	59.30	40.00
16	25.0	7.4	56.24	37.96
20	25.0	8.3	54.78	36.99
31.5	23.6	10.5	51.88	35.05
62.5	21.5	14.9	47.36	32.04
100	20.1	19.0	44.30	30.00
200	18.0	27.5	39.78	27.0
300	16.8	34.2	37.14	25.2
500	15.2	45.3	33.82	23.0
Frequency (MHz)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
4	63.3	55.8	52.8	100±15
8	58.8	49.7	46.7	
10	57.3	47.8	44.8	
16	54.2	43.7	40.7	
20	52.8	41.8	38.8	
31.5	49.9	37.8	34.8	
62.5	45.4	31.9	28.9	
100	42.3	27.8	24.8	
200	37.8	21.8	18.8	
300	35.1	18.3	15.3	
500	31.8	13.8	10.8	

## CHARACTERISTICS

Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Rated Temperature (°C)	75
Rated Voltage (V)	300V
Velocity Ratio	65%