CABLE U/UTP CAT.6 OUTDOOR

REF: CAU6X

PRODUCT DESCRIPTION

- **Standard Reference:**

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

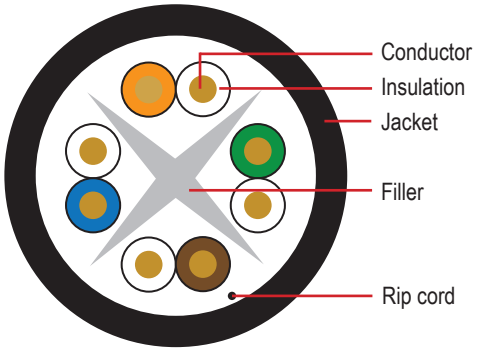
- Rated temperature: 90ºC
- Installation temperature: -30ºC~+50ºC
- Rohs complied
- DoP nº: 1175716 - 1175377a
- CPR Class: **Fca**

CPR Class: **Fca**

Application:

- VoIP,ISDN
- Token, 100M TP-PDM
- Analong and Data Viceo
- TR-16 Active and Passive
- 115M/662m/1.2GATM
- IEEE802.3: 100Base;100Base-T 1GBase-T

CPR COMPLIANT Construction Products Regulation EN 50575



CABLE CONSTRUCTION		
Conductor	Material	SOLID CCA
	Nom.O.D (mm)	0.55±0.005mm
Insulation	**Material**	**HPDE**
Insulation Diam. ø		0.98±0.03mm
Thickness		AVG: 0.24mm, MIN: 0.20mm
Twisted pair (4) Unshielded	Filler	PE: 4.8*0.4
	Rip cord	yes
Jacket PE-RoHS	Thickness	AVG: 0.55mm ±0.50mm
	Outer Diam. ø	6.2±0.30mm
	Jacket Color (standard)	Black: RAL 9011
Code Color	1 White / Blue	2 White / Orange
	3 White / Green	4 White / Brown
Packing	1 Wooden drum (& carton Box, 2)	
Dimension - Weight	34x35.5x27cm - 32Kg/Km	
Packing Length	305±1.0m	

Technical Performance (100m)				
Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	ACR (dB)
1	20.0	2.03	74.30	72.28
4.0	23.0	3.78	65.27	61.49
8.0	24.5	5.32	60.75	55.43
10.0	25.0	5.95	59.30	53.35
16.0	25.0	7.55	56.24	48.68
20.0	25.0	8.47	54.78	46.31
25.0	24.3	9.51	53.33	43.83
31.25	23.6	10.67	51.88	41.20
62.5	21.5	15.38	47.36	31.98
100	20.1	19.80	44.30	24.50
250	17.3	32.84	38.33	5.48
Frequency (MHz)	**ELFEXT (dB/100m)**	**PSNEXT (dB/100m)**	**PSELFEXT (dB/100m)**	**Impedance (Ohms)**
1	67.80	72.30	64.80	100±15
4	55.76	63.27	52.76	
8	49.74	58.75	46.74	
10	47.80	57.30	44.80	
16	43.72	54.24	40.72	
20	41.78	52.78	38.78	
25	39.84	51.33	36.84	
31.25	37.90	49.88	34.90	
62.5	31.88	45.36	28.88	
100	27.80	42.30	24.80	
250	19.80	36.30	16.8	

Characteristics	
Max. Conductor DC Resistance at 20ºC (Ω/Km)	<95
Rated Temperature (ºC)	100ºCx24hx7d # -20ºCx4h
Rated Voltage (V)	300V
Velocity ratio	68%

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.

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