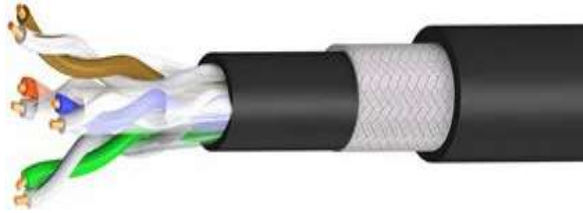


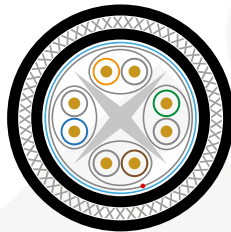
# Rodent protected U/FTP Cat.6A



Ref.:CAUF6AXA



- Conductor
- Insulation
- Pair AL/Foil
- Drain Wire
- Polyester Tape
- AL Foil
- Jacket 2
- Braid
- Jacket 1



## 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 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°:** N/C
- **Application:** Token, 100M TP-PDM Analong and Data Vicoe TR-16 Active and Passive 115M/662m/1.2GATM IEEE802.3: 100Base, 100Base-T, 1GBase-T, 10GBase-T.

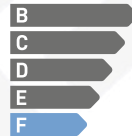
### Mains quality



### Features



### CRP Class:



CABLE CONSTRUCTION		
<b>Conductor</b>	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.55 ± 0.01mm. 23AWGx4P
<b>Insulation</b>	Material	Solid PE
<b>Insulation Diam. ø</b>		1.14 ± 0.02mm
<b>Thickness</b>	AVG:	0.295mm
	MIN:	0.30mm
<b>Twisted Pair (4), Unshielded</b>	Polyester	Yes
	Filler	Yes
	AL Foil	Yes
	Drain Wire	0.4 STC
<b>Jacket 1 (Outer) PE</b>	Thickness	AVG: 0.90mm ± 0.80mm
	Outer Diam.ø	10mm
	Jacket Color (standard)	Black: RAL 9011 ●
<b>Jacket 2 (Inner) PE</b>	Thickness	AVG: 0.5mm
	Outer Diam.ø	7.20 ± 0.30mm
<b>Armour Galvanized Steel</b>	Structure	16/3/0.20
	Coverage	90%
<b>Code Color</b>	1 White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
<b>Dimension - Weight</b>	55x55x34cm - 128Kg/Km	
<b>Packing</b>	1 Wooden Drum	
<b>Packing Length</b>	500 ± 1.0m	

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	
<b>Max. Conductor DC Resistance at 20°C (Ω/Km)</b>	<93.8
<b>Velocity Ratio</b>	65%

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