

Ref.: CAU6ALB5

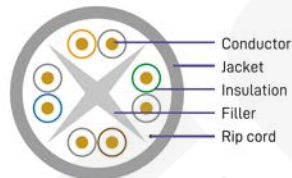
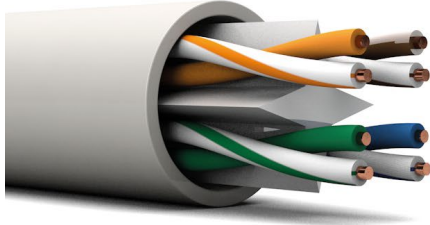
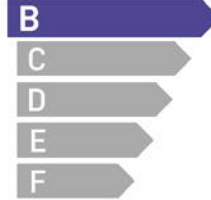
PRODUCT DESCRIPTION

• 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-T, 100Base-T, 1GBase-T

CRP Class:



CABLE CONSTRUCTION		
Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.58 ± 0.005mm, 23 y 24 AWG
Insulation	Material	HPDE
Insulation Diam. ø		1.16 ± 0.02mm
Thickness		AVG: 0.30mm MIN: 0.29mm
Each Pair is Twisted and Unshielded	Filler	PE: 4.8*0.4
	Rip cord	Yes
Jacket LSZH-RoHS	Thickness	AVG: 0.55 ± 0.05mm
	Outer Diam. ø	6.0 ± 0.40mm
	Jacket Color (standard)	White: RAL 9016 
Code Color	1 White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
Packing	1 Wooden drum	
Dimension-Weight	37x37x26cm - 52Kg/Km	
Packing Length	305 ± 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	
Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Rated Temperature (°C)	75
Rated Voltage (V)	300V
Velocity ratio	65%

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