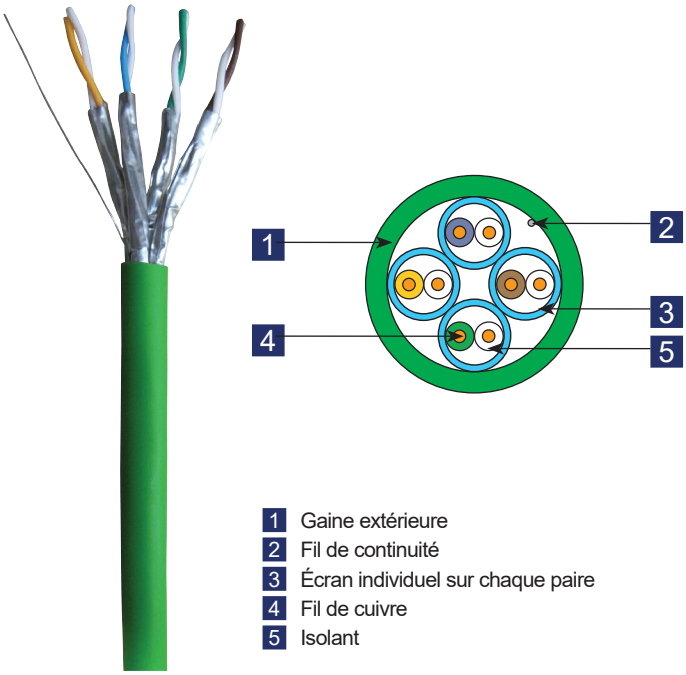
CABLE CAT6A UFTP LSZH B2CA 1X4P



1 Gaine extérieure
2 Fil de continuité
3 Écran individuel sur chaque paire
4 Fil de cuivre
5 Isolant

Caractéristiques

- Gaine sans halogène (LSZH)
- UFTP = Pas de Blindage général + écrans Individuels
- Conçus pour les applications 10 Gigabit et permettent de supporter des fréquences allant jusqu'à 500 MHz.
- Conçus pour les applications : IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T; 10GBase-T IEEE 802.5 16 MB; ISDN; TPDDI; ATM IEEE 802.3af-2002: POE; IEEE80 2.3at:PO E+; IEE E802. 3bt:POE+ +;UPOE
- Normes : ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/ IEC 11801-2:2017 (Ed. 1.0) EN 50173-1:2018 / EN 50173-2:2018 IEC 61156-5:2020(Ed. 3.0);EN50288-10-1:2012

Catégorie	Gaine	Paires	Type	Couleur	Conditionnement	Référence
CAT6A	LSZH	1x4	UFTP - B2CA	Vert	Touret 500m	6780
					Touret 410m	6781
					Couronne 90m	6782
					Couronne 100m	6783

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U-FTP Cat 6A LSZH (B2ca)

SOCAMONT
Fabricant de Solutions Réseaux

Revision History

	Date: 2025/03/27
Approved by:	Page: 1/1

Product Code: U-FTP Cat 6A LSZH (B2ca)

Product Description

Application:

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)
IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T; 10GBase-T
IEEE 802.5 16 MB; ISDN; TPDDI; ATM
IEEE 802.3af-2002: POE; IEEE 802.3at: POE+; IEEE 802.3bt: POE++;UPOE

Reference Standard

ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
EN 50173-1:2018 / EN 50173-2:2018
IEC 61156-5:2020(Ed. 3.0);EN50288-10-1:2012
TIA-568.2-D:2018

Multi-construction

4 Pair

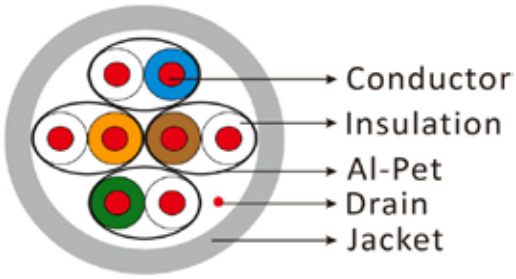
Cable Construction

1.Conductor	**Bare Copper**
Construction	0.55±0.01
2.Insulation	**Skin-Foam PE-Skin**
Insulation Dia.(mm)	1.35±0.1×2C Twist
Each Pair is Twisted ,Shielded.	
Insulation color	
Blue, White/Blue	Orange,White/Orange
Green, White/Green	Brown, White/Brown
3.Al-Pet shield(on each pair)	**>=115%**
4.Drain Wire	**Tinned copper**
Construction	T0.40±0.008
5.Jacket	**LSZH (B2ca)**
Average Thickness(mm)	>=0.7
Dia.(mm)	7.5±0.4
Jacket Color	Green

6.PACKAGING

500M/Wooden Drum - 6780
410M/Wooden Drum - 6781
90M/Cable ring - 6782
100M/Cable ring - 6783

Design



Electrical Characteristics

Performance

Frequency (MHz)	Attenuation (dB/100m) Max.	NEXT (dB) Min.	PSNEXT (dB) Min.	Return Loss (dB) Min.
4	3.8	66.3	63.3	23.0
10	5.9	60.3	57.3	25.0
16	7.5	57.2	54.2	25.0
31.25	10.5	52.9	49.9	23.6
62.5	15.0	48.4	45.4	21.5
100	19.1	45.3	42.3	20.1
250	31.1	39.3	36.3	17.3
500	45.3	34.8	31.8	17.3

Frequency (MHz)	ACR-F (dB/100m) Min.	PSACR-F (dB/100m) Min.	ACR-N (dB/100m) Min.	PSACR-N (dB/100m) Min.
4	56.0	53.0	62.5	59.5
10	48.0	45.0	54.4	51.4
16	43.9	40.9	49.8	46.8
31.25	38.1	35.1	42.4	39.4
62.5	32.1	29.1	33.4	30.4
100	28.0	25.0	26.2	23.2
250	20.0	17.0	8.3	5.3
500	14.0	11.0	-10.4	-13.4

Note 1 :Data above 500MHz is for reference only.

Max.Conductor DC Resistance at 20°C (Ω/Km)		<85.6
Rated Temperature(°C)		60
Velocity ratio(NVP)		approx.75%
Impedance(Ω)	1-100MHz	100±15
	100-250MHz	100±20
	250-500MHz	100±25

Note 2 : All delivered cables must pass B2ca-s1a, d1, a1 sample test according EN 50399, EN 50575

Fire Performance: EN 60332-1-2,EN 50399,EN 50575
Smoke Density: EN61034-2
Halogen Free: EN60754-2
Notified Body No.:0200

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