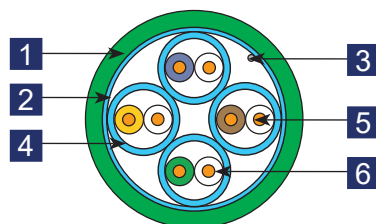


## CABLE CAT6A FFTP LSZH CCA 1X4P



- |   |                                   |   |               |
|---|-----------------------------------|---|---------------|
| 1 | Gaine extérieure                  | 5 | Fil de cuivre |
| 2 | Blindage général                  | 6 | Isolant       |
| 3 | Fil de continuité                 |   |               |
| 4 | Écran individuel sur chaque paire |   |               |

### Caractéristiques

- Gaine sans halogène (LSZH)
- FFTP = 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; IEEE802.3at:PO E+; IEEE 802.3bt: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  
TIA-568.2-D:2018

Catégorie	Gaine	Paires	Type	Couleur	Conditionnement	Référence
CAT6A	LSZH	1x4	FFTP - CCA	Vert	Touret 500m	6810
					Touret 410m	6811
					Couronne 90m	6812
					Couronne 100m	6813

## CABLE CAT6A FFTP LSZH CCA 1X4P

### F-FTP Cat 6A LSZH (Cca)



#### Revision History

Date: 2025/11/20
Page: 1/1
Approved by:

**Product Code:** F-FTP Cat 6A LSZH (Cca)

#### 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; IEEE802.3at: 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

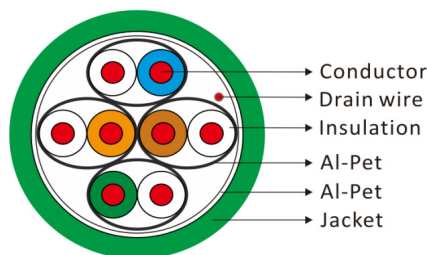
#### Cable Construction

<b>1.Conductor</b>	<b>Bare Copper</b>
Construction	0.55±0.01
<b>2.Insulation</b>	<b>Skin-Foam PE-Skin</b>
Insulation Dia.(mm)	1.35±0.1×2C Twist
Each Pair is Twisted ,Shielded.	
Insulation color	
Blue, White	Orange, White
Green, White	Brown, White
<b>3.AI-Pet shield(on each pair)</b>	<b>&gt;=115%</b>
<b>4.Drain Wire</b>	<b>Tinned copper</b>
Construction	T0.40±0.008
<b>5.Total AI-Pet shield</b>	<b>&gt;=115%</b>
<b>6.Jacket</b>	<b>LSZH</b>
Dia.(mm)	7.6±0.4
Jacket color	Green

#### 7.PACKAGING

500M/Wooden Drum - 6810  
410M/Wooden Drum - 6811  
90M/Cable ring - 6812  
100M/Cable ring - 6813

#### 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
16	.9	60.3	57.3	25.0
31.25	7.5	57.2	54.2	25.0
62.5	10.5	52.9	49.9	23.6
100	15.0	48.4	45.4	21.5
250	19.1	45.3	42.3	20.1
500	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 500 MHz 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 Cca-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

