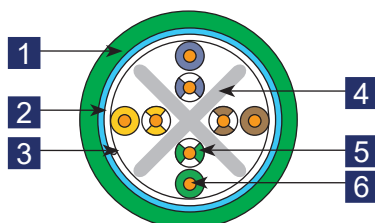


CABLE CAT6 FUTP LSZH CCA 1X4P



- 1 Gaine extérieure
- 2 Blindage général
- 3 Fil de continuité
- 4 Jonc séparateur
- 5 Isolant
- 6 Fil de cuivre

Caractéristiques

- Gaine sans halogène (LSZH)
- FUTP = Blindage général / pas d'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
CAT6	LSZH	1x4	FUTP - CCA	Vert	Touret 500m	6790
					Touret 410m	6791
					Couronne 90m	6792
					Couronne 100m	6793

CABLE CAT6 FUTP LSZH CCA 1X4P

F-UTP Cat 6 LSZH (Cca)



Revision History

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

Product Code:
F-UTP Cat 6 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; IEEE 802.3at: POE+

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); IEC 50288-5-1:2013
TIA-568.2-E:2024

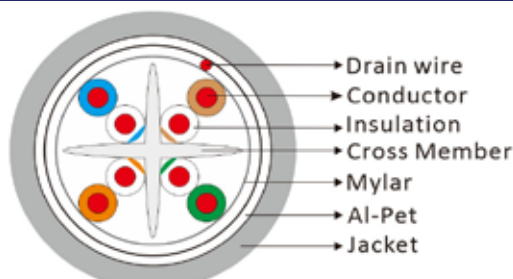
Multi-construction
4 Pair

Cable Construction

1.Conductor	Bare Copper
Construction	0.54±0.01
2.Insulation	Solid PE
Insulation Dia.(mm)	1.05±0.15×2C Twist
Each Pair is Twisted ,Unshielded.	
Insulation color	
Blue, White/Blue	Orange,White/Orange
Green, White/Green	Brown, White/Brown
3.Filler	Cross Member
4.Total Mylar Spiral	>=115%
5.Drain Wire	Tinned Copper
Construction (mm)	T0.40±0.008
6.Al-Pet Shielded	>=115%
7.Jacket	LSZH
Dia.(mm)	7.4±0.4
Jacket Color	Green

8.PACKAGING
500M/Wooden Drum - 6790
410M/Wooden Drum - 6791
90M/Cable ring - 6792
100M/Cable ring - 6793

Design



Electrical Characteristics

Performance

Frequency (MHz)	ATTENUATION (dB/100m) Max.	NEXT (dB) Min.	PSNEXT (dB) Min.	Return loss (dB) Min.
4.0	3.8	66.3	63.3	23.0
10.0	6.0	60.3	57.3	25.0
16.0	7.6	57.2	54.2	25.0
20.0	8.5	55.8	52.8	25.0
31.3	10.7	52.9	49.9	23.6
62.5	15.5	48.4	45.4	21.5
100.0	19.9	45.3	42.3	20.1
155.5	25.3	42.4	39.4	18.8
175.0	27.1	41.7	38.7	18.4
200.0	29.1	40.8	37.8	18.0
250.0	33.0	39.3	36.3	17.3

Frequency (MHz)	ACR-F (dB/100m) Min.	PSACR-F (dB/100m) Min.	ACR-N (dB/100m) Min.	PSACR-N (dB/100m) Min.
4.0	56.0	53.0	62.4	59.4
10.0	48.0	45.0	54.3	51.3
16.0	43.9	40.9	49.6	46.6
20.0	42.0	39.0	47.3	44.3
31.3	38.1	35.1	42.1	39.1
62.5	32.1	29.1	32.9	29.9
100.0	28.0	25.0	25.4	22.4
155.5	24.2	21.2	17.1	14.1
175.0	23.1	20.1	14.6	11.6
200.0	22.0	19.0	11.6	8.6
250.0	20.0	17.0	6.3	3.3

Note 1 : Data above 250MHz is for reference only.

Max.Conductor DC Resistance at 20°C (Ω/Km)	<91.3
Rated Temperature(°C)	60
Velocity ratio (NVP)	approx. 68%
Impedance(Ω)	1-100MHz 100±15 100-250MHz 100±20

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

