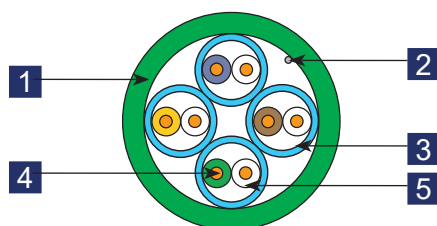


CABLE CAT6A UFTP LSZH CCA 1X4P



- 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; 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

| Catégorie | Gaine | Paires | Type | Couleur | Conditionnement | Référence |
|-----------|-------|--------|------------|---------|-----------------|-----------|
| CAT6A | LSZH | 1x4 | UFTP - CCA | Vert | Touret 500m | 6800 |
| | | | | | Touret 410m | 6801 |
| | | | | | Couronne 90m | 6802 |
| | | | | | Couronne 100m | 6803 |

CABLE CAT6A UFTP LSZH CCA 1X4P

U-FTP Cat 6A LSZH (Cca)



Revision History

Date: 2025/11/20

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Approved by:

Product : U-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+; IEEE802.3bt: 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-E:2024

Multi-construction

4 Pair

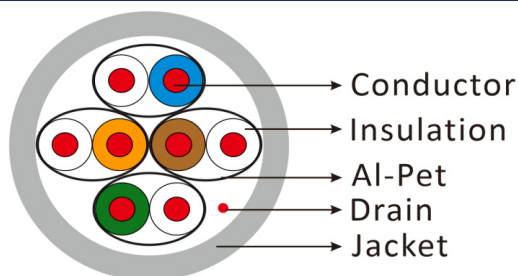
Cable Construction

| | |
|--------------------------------------|--------------------------|
| 1.Conductor | Bare Copper |
| Construction | 0.55±0.01 |
| 2.Insulation | Skin-Foam PE-Skin |
| Insulation Dia.(mm) | 1.35±0.15×2C Twist |
| Each Pair is Twisted ,Shielded. | |
| Insulation color | |
| Blue, White/Blue | Orange,White/Orange |
| Green, White/Green | Brown, White/Brown |
| 3.AI-Pet shield(on each pair) | >=115% |
| 4.Drain Wire | Tinned copper |
| Construction | T0.40±0.008 |
| 5.Jacket | LSZH |
| Dia.(mm) | 7.5±0.4 |
| Jacket Color | Green |

6.PACKAGING

500M/Wooden Drum - 6800
410M/Wooden Drum - 6801
90M/Cable ring - 6802
100M/Cable ring - 6803

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 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

