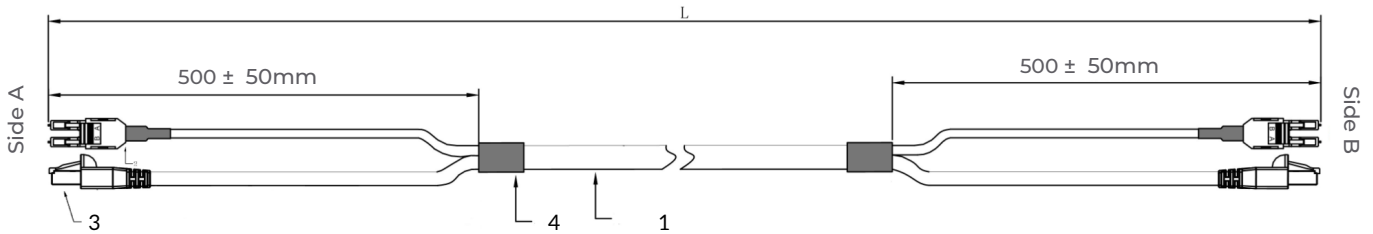
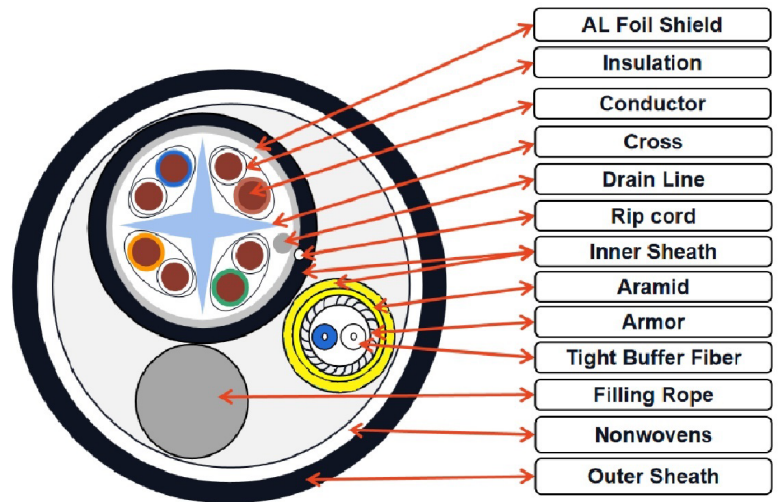


Hybrid Cable



Assembly Connectivity	
SideA: Uniboot LC/UPC	SideB: Uniboot LC/UPC
A	B
B	A



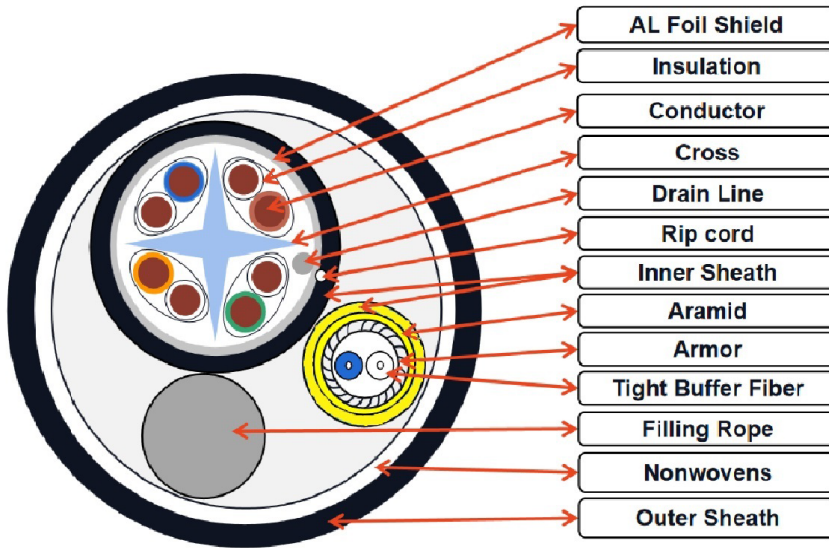
1. Reference Standards: ANSI/TIA-568.2-D & ISO/IEC 11801; IEC60794-2 & ITU-T G651;
2. All-scenario applications
3. Fiber Test Standards: 850nm ≤ 3.5 dB/KM; 1300nm ≤ 1.5dB/km
4. Network Test Standards: Fluke DTX-1800 PASS
5. Tensile strength: Long-term: 100N/Short-term: 200N
6. Minimum bend radius: Static: 10H/Dynamic: 20D ("D" is the height of the cable)
7. Installation & Operation temperature: -30~+65°C

Optical performance: (850nm & 1300nm) IL ≤ 0.3dB; RL ≥ 25dB

- Optical power composite cable length in meter
- Uniboot LC duplex spare parts 2 pcs
- RJ45 connector 2 pcs
- Heat-shrink tube black with glue 8 cm

Specification of Hybrid Cable

Product Structure Diagram



Product Description

1. Product: CAT6A FTP 23AWG + Spiral Steel Strip Armored Optical Cable
2. Reference Standards: ANSI/TIA-568.2-D & ISO/IEC 11801; IEC60794-2 & ITU-T G651.
3. All-scenario applications.
4. Network cable: 1000 Base-T & 1000 Base-TX; Optical cable: 1000 Base-SX.

Technical Specification

Whole	Outside diameter	11.8 ± 0.05mm
	Sheath material	HDPE
	Outer sheath average thickness	0.57 ± 0.05mm
	Weight	110 ± 3KG/KM
	Color	Black
	Printing type	Spray printing
	Printing content	Customized

FIBER OPTICAL	Tight Buffer Fiber	Count	2
		Color	Blue, White
		Sheath material	PVC
		Diameter	0.6 ± 0.05 mm
		Fiber type	G657A2
		Fiber brand	YOFC
	Protective Layer	Spiral steel strip armor + Aramid yarn (import)	
		Steel strip material	SUS204
		Number of aramid yarn	6
	Inner sheath	Outer diameter	3.0 ± 0.15 mm
		Sheath material	LSZH (UV, ROHS)
		Sheath Color	Yellow
		Inner sheath average thickness	0.45 ± 0.05 mm
Network	Structure	Shielding	FTP
		Number of line pairs	4 pairs
	Conductor	AWG	23 AWG
		Material	BC
		Outer diameter of the conductor	0.57 ± 0.01 mm
	Insulation	Insulation material	PVC (UV resistance)
		Outer diameter of the insulation	1.15 ± 0.05 mm
		Insulation average thickness	0.29 ± 0.01 mm
	Pairs	1	White-blue/Blue
		2	White-orange/Orange
		3	White-green/Green
		4	White-brown/Brown
	Filter	Drain line	CCA
		Rip cord	Nylon
	Shielding	FTP	Aluminum foil
	Inner Sheath	Outside diameter	7.5 ± 0.2 mm
		Sheath material	PVC
		Inner sheath average thickness	0.58 ± 0.05 mm

Performance & Application

Fiber test standards	850 nm	≤0.35 dB/km
	1300 nm	≤0.3 dB/km
Network test standards	Fluke DTX-1800	PASS
Performance	Tensile strength: Long term: 100N/Short-term: 200N	
	Minimum bend radius: Static: 10D/Dynamic: 20D ("D" is the diameter of the cable)	
	Installation & Operation temperature: -30 ~+ 65°C	