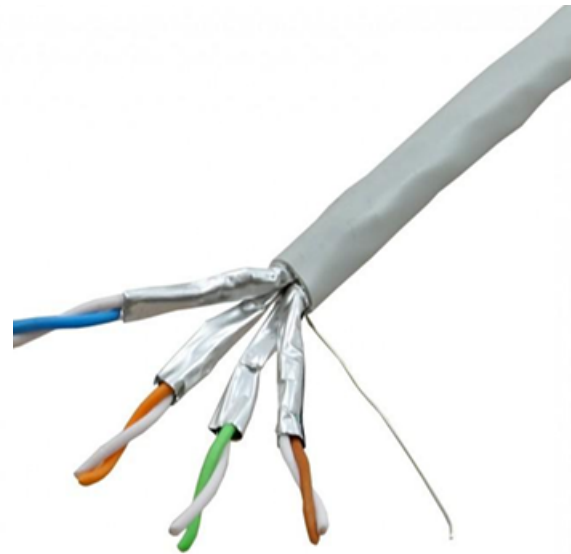
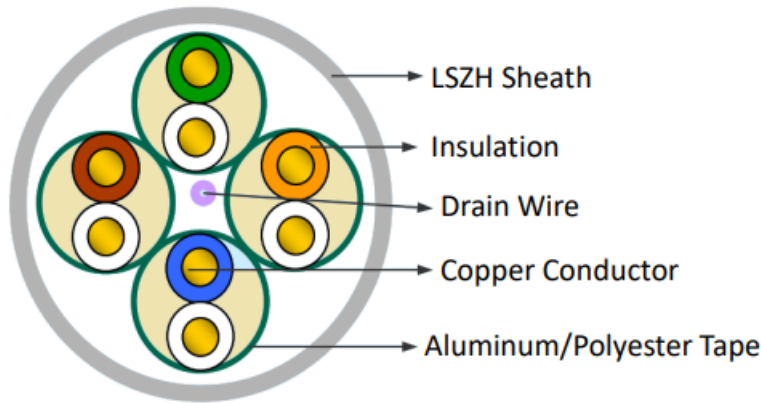


## CAT6A U/FTP 23AWG 0.56MM LSZH CABLE

TN5004C6A23LSZH



### Product Description

TEXA NETWORK's Category 6A U/FTP cables are manufactured and tested to the ANSI/TIA 568.2-D, EN50173-1 and ISO/IEC 11801 Category 6A specifications. TEXA NETWORK's Category 6A U/FTP cable is designed for optimal support of High-Speed data protocols delivering 10 Gbps performance to the workstation. Each cable consists of 8 colour coded 23AWG Skin-Foam-Skin PE insulated conductors. Each conductors are twisted together to form 4 pairs with varying lengths. Each pairs are then wrapped with Aluminium foil. TEXA NETWORK's CAT6A cable is designed for quick and easy installation where nospecial tools are required. CAT6A cable is supplied in 305m or 500m Drums.

### Features & Benefits

- EnhancedPerformance meeting Category 6A specifications up to 500 MHz
- Performance compliance to ISO/IEC 11801 and ANSI/TIA 568.2-D
- ThirdParty Delta EC verified
- AWG23,SolidBareCopper(0.56mm)
- LowSmokeZeroHalogen
- Fire rated to IEC 60332-1, IEC60332-3C
- 25Years System Warranty

### Standards Complied and Verified for Category 6 Cable Performance

- ISO/IEC 11801:2011 (Ed.2.2)
- ANSI/TIA-568.2-D: 2018
- IEC61156-5:2012 (Ed.2.1)
- EN50173-1:2011; EN 50173-2:2007 including amendmentA1:2010
- EN50288-10-1:2012

## Specification

Overall Diameter (mm)	7.4 ±0.4mm	Unbalanced to Ground Capacitance (pF/100m) Max.	330
Sheath Surface	Clean, Frap, Satiation	Nominal Velocity of Propagation (NVP)	74%
Insulation Material	SkinFoam Skin PE	Drain Wire	Yes. TC 0.45mm
Conductor Diameter (mm)	0.56 (±0.005)	Max. Pulling Force (N)	100
Conductor Material	Solid Bare Copper	Min. Bend Radius during Installation	8xD (Overall diameter)
Mean Input Impedance (Ω) @ 1-250 MHz	100 ±5 Ω	Min. Bend Radius after Installed	4xD (Overall diameter)
Delay Skew (ns/100m)	Max 45	Installation Temperature Range	-20°C to +70°C
Max. DC Resistance (Ω/100m) @ 20°C	9.38	Operating Temperature Range	-20°C to +70°C
Max. DC Conductor Resistance Unbalance (%)	2.0	Packing Length (Meters)	305 ±1.5 or 500 ±1.5

Freq. (MHz)	RL (Min. dB)	ATTN (Max. dB/100m)	NEXT (Min. dB)	PSNEXT (Min. dB)	ELFEXT (ACR-F) (Min. dB/100m)	PSELFEXT (PSACR-F) (Min. dB/100m)
1	20.0	2.1	74.3	72.3	68.0	65.0
4.0	23.0	3.8	65.3	63.3	56.0	53.0
8.0	24.0	5.3	60.8	58.8	49.9	46.9
10.0	25.0	5.9	59.3	57.3	48.0	45.0
16.0	25.0	7.5	56.2	54.2	43.9	40.9
20.0	25.0	8.4	54.8	52.8	42.0	39.0
25.0	24.3	9.4	53.3	51.3	40.0	37.0
31.25	23.6	10.4	51.9	49.9	38.1	35.1
62.5	21.5	15.0	47.4	45.4	32.1	29.1
100	20.1	19.1	44.3	42.3	28.0	25.0
200	18.0	27.6	39.8	37.8	22.0	19.0
250	17.3	31.1	38.3	36.3	20.0	17.0
300	16.8	34.3	37.1	35.1	18.5	16.5
500	15.2	45.3	33.8	31.8	14.0	13.0

## Part Number

(TN5004C6A23LSZH)

Horizontal Cable, CAT 6A, U/FTP, 500m, LSZH Sheath, AWG 23, Grey