



Product Description

- U/FTP, 23AWG solid bare copper, CAT.6, LSZH
- Each pair twist with metal foil screen
- With drain wire

Product Features

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 600 MHz.

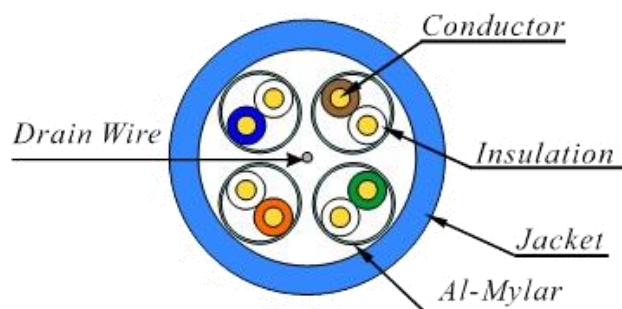
Application

- Structure cabling for horizontal and building backbone cable.
- Transmission of digital and analogue for data, video and audio applications.
- Each pairs with metal shielded providing good protection from EMI noise.
- IEEE 802.3ab 1000BASE-T, 1000BASE-TX and legacy speeds.
- CDDI / ATM / Token Ring
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)

Applicable Standard

- Electrical Transmission
 - ANSI/TIA-568.2-D (2018)
 - ISO/IEC 11801-1
 - IEC 61156-5 (Edition 2.1)
- Material and Construction
 - IEC 61156-5 (Edition 2.1)
- EU Directive 2011/65/EU & 2015/863/EU
- EU Directive 2006/95/EC (LVD)

Sectional Drawing



All Material According To SS-00259

**Material and Construction**

Conductor	Material	23AWG solid bare copper	
Insulation	Material	Polyolefin (PO)	
	Color code & diameter	Blue & white	1.30 ± 0.05 mm
		Orange & white	1.30 ± 0.05 mm
		Green & white	1.30 ± 0.05 mm
Brown & white		1.30 ± 0.05 mm	
Twisted	Description	Left hand direction	
Shield	Material	Al Mylar tape	
	Description	100 % coverage and aluminum side facing out	
Assembly	Description	Left hand direction	
Drain wire	Material	26AWG solid tinned copper	
Jacket	Material	Low Smoke Zero Halogen (LSZH)	
	Diameter	7.20 ± 0.20 mm	
	Thickness	0.55 ± 0.05 mm	
	Color	Per customer's request	
Marking	<p>WONDERFUL CAT 6 LSZH CABLE U/FTP 4PR 23AWG VERIFIED TO ANSI/TIA-568.2-D ISO/IEC 11801-1 mmyy¹ RoHS COMPLIANT XXXXFT</p> <p>Note 1: mmyy is date code.</p>		

Usage & Environmental Condition

Temperature range	Storage & shipping	-20°C to 60°C
	Installation	0°C to 60°C
	Operation	-20°C to 60°C
Minimum bending radius	≥ 8 times of overall diameter	
Maximum pulling tension	≤ 110 N	