



Product Description

- F/UTP, 23AWG solid bare copper, CAT.6A, LSZH
- With cross filler
- Overall metal foil screen with drain wire

Product Features

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 500 MHz.

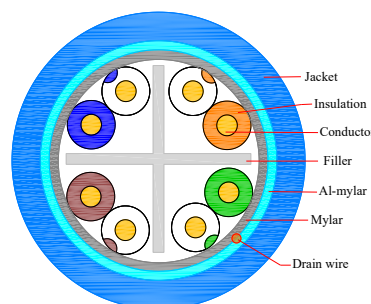
Application

- Structure cabling for horizontal and building backbone cable.
- Transmission of digital and analogue for data, video and audio applications.
- Overall metal shielded providing good protection from EMI noise.
- IEEE 802.3an 10GBASE-T 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/blue stripe	1.15 ± 0.03 mm
		Orange & white/orange stripe	1.11 ± 0.03 mm
		Green & white/green stripe	1.15 ± 0.03 mm
		Brown & white/brown stripe	1.11 ± 0.03 mm
Twisted	Description	Left hand direction	
Filler	Material	Polyolefin(PO)	
Assembly	Description	Left hand direction	
Wrap	Material	Mylar tape	
Drain wire	Material	26AWG Solid tinned copper	
Shield	Material	Al mylar	
	Description	100 % coverage and aluminum side facing inward	
Jacket	Material	Low smoke zero halogen (LSZH)	
	Diameter	7.60 ± 0.20 mm	
	Thickness	0.55 ± 0.05 mm	
	Color	Per customer's request	
Marking	WONDERFUL 10GS CAT 6A LSZH CABLE F/UTP 4PR 23AWG---VERIFIED TO TIA-568.2-D & ISO/IEC 11801 mmyy ¹ RoHS COMPLIANT XXXXFT Note 1: mmyy is date code.		

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