



Product Description

- S/FTP, 23AWG solid bare copper, CAT.7, LSZH
- Each pair twist with metal foil screen
- With metal braid shield

Product Features

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 750 MHz.

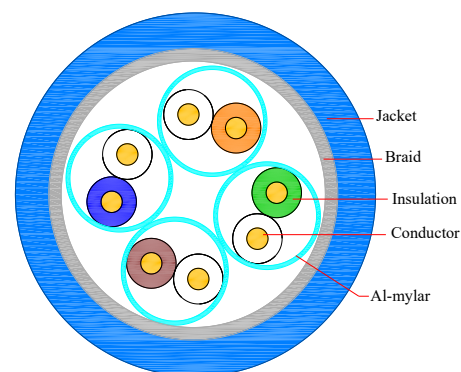
Application

- Structure cabling for horizontal and building backbone cable.
- Transmission of digital and analogue for data, video and audio applications.
- 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	1.35 ± 0.05 mm
		Orange & white	1.35 ± 0.05 mm
		Green & white	1.35 ± 0.05 mm
Brown & white		1.35 ± 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	
Braid	Material	Tinned copper	
	Description	> 30 % coverage	
Jacket	Material	Low smoke zero halogen(LSZH)	
	Diameter	7.70 ± 0.20 mm	
	Thickness	0.55 ± 0.05 mm	
	Color	Per customer's request	
Marking	WONDERFUL 10G-PLUS CAT.7/CLASS F LSZH CABLE S/FTP 4PR 23AWG VERIFIED TO IEC 61156-5 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	



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