

## Category 6A S/FTP Twisted Pair Copper Cables

Category 6A cable structured by 23 AWG Solid Annealed Bare Copper Conductor, Twisted 4 pairs Laid up over PE Separator, overall Polyester tape, overall AL-PET Foil (Mylar Tape) & Braid Screen, Drain Wire and then LSZH Outer Sheath.

### Features

- Meets ANSI/TIA – 568-C.2-2009 and ISO/IEC 11801 – 2<sup>nd</sup> Edition
- Cable Characterized upto 500 MHz
- Full Power Sum Performance
- Overall Mylar Tape Screened Core
- ATC overall braid with drain wire
- Excellent Shielding performance
- Flame Properties; IEC 60332-1-2

### Technical Specifications

Parameter	Values	
Conductor	AWG	23
	Material	Solid Annealed Bare Copper Conductor
Insulation	Material	Halogen free low capacitance PE
	Diameter	1.05 ± 0.03 mm
Pairs	Two insulated core twisted together	
Twisting	4 pairs laid up over polyethylene cross separator	
Outer Sheath	LSZH	
Cable Diameter	7.1 ± 0.03 mm	
Insulation Resistance	Min. 5000 MΩ.KM	
Conductor Resistance	Max. 93.8 Ω/KM	
Conductor Resistance Unbalance	Max 5%	
Bending radius	8 x overall diameter (min)	
Capacitance Earth Unbalance	Max. 3300 pF/100m	
Propagation Delay @ 1, 10, 100 & 250 MHz	Max. 570, 545, 538 & 536 ns/100 m	
Propagation Delay Skew @ 100 MHz	Max. 45 ns/100m	
Operating Temperature	-40°C to +70°C	

## Ordering Information

Part Code	Description
3C-6ASS23GY-3	Category 6A S/FTP Twisted Pair Copper Cables

