

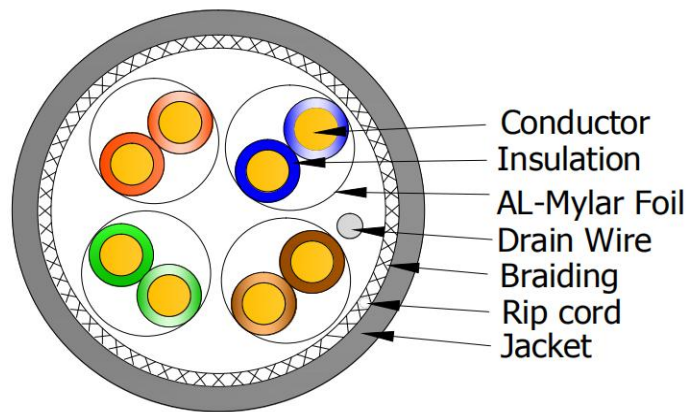


### Product Specification

#### Specification:

	Item	Unit	Spec. Value
Conductor	Wire No.	---	4P
	Material	---	Solid Bare Copper
	Spec	AWG	23AWG
	Construction	No./mm	0.57±0.02
Insulation	Material	---	Skin-foam-skin
	Diameter	mm	1.35±0.05
	Color	---	1.Blue&White 2.Orange&White 3.Green&White 4.Brown&White
Foil Shield	Spec	mm	AL-Mylar 100%Coverage
Drain Wire	Material	---	Tinned copper
	Spec	mm	1/0.4±0.05
Braid Shield	Material	---	Al-Mg >40%Coverage
Jacket	Material	---	PVC
	Color	---	Assorted upon request
	Thickness	mm	0.55±0.1
	Diameter	mm	7.8±0.5

#### Sketch:



#### Application:

1: Material : Comply RoHS

#### Mechanical Specification:

Conductor Elongation	≥10%
Insulation Tensile Strength	≥10Mpa
Insulation Elongation	≥200%
Jacket Tensile Strength	≥13.8Mpa
Jacket Elongation	≥100%

# S/FTP CAT6A 23AWGx4P PVC



## LAN cable

### Electrical Specifications:

Impedance	100±15Ω ( 1-100MHz )
	100±22Ω ( 100-250MHz )
	100±25Ω ( 250-500MHz )
Conductor Resistance @20 °C	Max.9.38Ω/100m
DC Resistance Unbalance	Max.5%
Insulation Resistance	Min. 5000 MΩ*Km
Delay Skew	Max.45ns/100m

### HIGH FREQUENCY ELECTRICAL PERFORMANCE:(at 20 °C 100m )

Frequency (MHz)	ATT (≤dB)	NEXT (≥dB)	PSNEXT (≥dB)	ELFEXT (≥dB)	PS ELFEXT (≥dB)	RL (≥dB)	Spread out 100m cable and test it
1.00	2.1	74.3	72.3	67.8	64.8	20.0	
4.00	3.8	65.3	63.3	55.8	52.8	23.0	
8.00	5.3	60.8	58.8	49.7	46.7	24.5	
10.00	5.9	59.3	57.3	47.8	44.8	25.0	
16.00	7.5	56.2	54.2	43.7	40.7	25.0	
20.00	8.4	54.8	52.8	41.8	38.8	25.0	
25.00	9.4	53.3	51.3	39.8	36.8	24.3	
31.25	10.5	51.9	49.9	37.9	34.9	23.6	
62.50	15.0	47.4	45.4	31.9	28.9	21.5	
100.00	19.1	44.3	42.3	27.8	24.8	20.1	
200.00	27.6	39.8	37.8	21.8	18.8	18.0	
250.00	31.1	38.3	36.3	19.8	16.8	17.3	
300.00	34.3	37.1	35.1	18.3	15.3	16.8	
400.00	40.1	35.3	33.3	15.8	12.8	15.9	
500.00	45.3	33.8	31.8	13.8	10.8	15.2	