

SPECIFICATION : S/FTP CAT6 (#23 × 2C+AM)x4P+B+LSZH

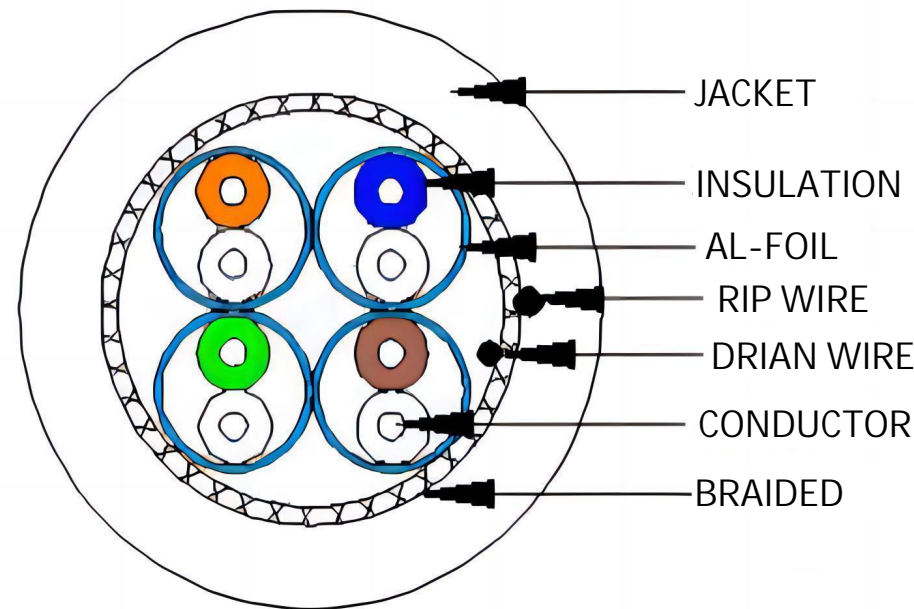
REV.:1.0

ITEM

SPECIFICATION

Product structure:

Conductor	AWG	23AWG
	Material	BC
	Size	1/0.55±0.005mm
Insulation	REF	0.20mm
	Material	FR-PE
	I.D	1.3±0.03mm
TwistedPairs	Direction	S
	Pitch	Less than 25
SHIELD (1)	Material	Al -Foil
Drianwire	Material	1/0.50CCA
SHIELD (2)	Material	16/4 0.12ALMG
Jacket	REF	0.6mm
	Material	LSZH
	Color	
	O.D	7.5±0.3mm



Marking	Color	BLACK
	INSULATION COLOR CODE :	

1P,White/&Blue 2P,White/&Orange 3P,White/&Green 4P,White/&Brown

ELECTRICAL CHARACTERISTICS	PHYSICAL CHARACTERS
1..Rating Temp:80 Rating Voltage:30V	1.Tensile strength test:
2.Conductor Resistance:75 /km at 20 Min (23AWG)	1.1:Jacket LSZH: > 12MPa
3.Insulation resarctance:100M /km at 20 Min	1.2:HDPE Insulation : > 16MPa
4.Dielectric Test:DC2500V/2min at 20	2.Elongation:
5.Resistance Unbalance,maximum:4.5%	2.1:Jacket LSZH : > 200%
6.Mutual Capacitance : 5.6nF/100m@1kHz	2.2:HDPE Insulation: > 400%
7.Nominal Velocity of Propagation:NVP69%	2.3:CU: > 20%
8.Operating Frequency,maximum:600MHz	

Transmission Standards : ANSI/TIA568,ISO/IEC11801



Date: 2025/07/18