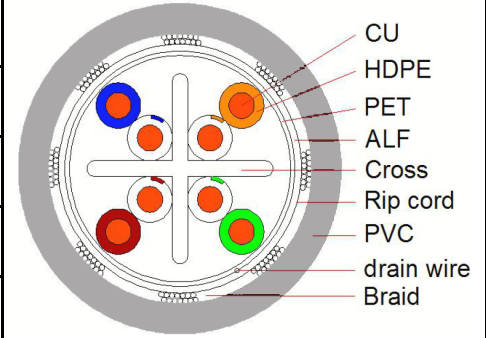


# LAN CABLE

# CAT.6 SF/UTP (SFTP)

Product	CAT6 SF/UTP
Description	SF/UTP CAT6 4×2×23AWG CU
Standard	EIA/TIA568B、ISO/IEC11801、YD/T1019
Application	ISDN、10Base-T、1000Base-T4、100Base-TX
Marking	SFTP CAT.6 4P 23AWG EIA/TIA568B ISO/IEC11801 ***M



## Construction

Conductor	Solid Bare Copper	Insulation Colors	Blue-White/Blue	Cross	Yes
Conductor Dia.	0.57mm		Orange-White/Orange	Jacket	PVC
Insulation	HDPE		Green-White/Green	Jacket Dia.	7.0±0.1mm
Insulation Dia.	1.12mm		Brown-White/Brown	Jacket Color	Black
Polyester	Yes	Shield	ALU. FOIL+BRAID	Jacket Thickness	0.55±0.1mm
Drain wire	0.50mm Tin Copper	Coverage	100%	Packing	carton,reel,pallet
Remarks	with Jelly flood, PE sheath, or other special construction, upon request				

## Electrical Characteristics

Frequency(MHz)	ATT (≤dB/100m)	NEXT (≥dB)	ELFEXT (≥dB)	RL (≥dB)	PS NEXT (≥dB)
1	2.0	74.3	67.8	20.0	72.3
4	3.8	65.3	55.8	23.0	63.3
8	5.3	60.8	49.7	24.5	58.8
10	6.0	59.3	47.8	25.0	57.3
16	7.6	56.2	43.7	25.0	54.2
20	8.5	54.8	41.8	25.0	52.8
25	9.5	53.3	39.8	24.3	51.3
31.25	10.7	51.9	37.9	23.6	49.9
62.5	15.4	47.4	31.9	21.5	45.4
100	19.8	44.3	27.8	20.1	42.3
200	29.0	39.8	21.8	18.0	37.8
250	32.8	38.3	19.8	17.3	36.3
Impedance (1to100MHz)	100±15 Ohm	Conductor DC Resistance 20°C	CU ≤72(ohms/km)	Prop. Delay	≤555ns
Capacitance 1kHz	56pF/km	Resistance Unbalance	≤3%	Delay shew	≤45ns
Capacitance unbalance	100pF/100m	Insulation Resistance	5000MΩ.KM	NVP	69%



SHG CABLE (HANGZHOU) CO., LTD

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