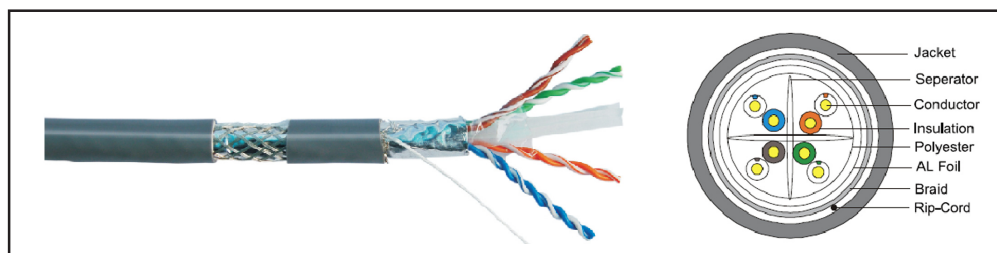


CATEGORY 6 23 AWG SF/UTP CABLE



FEATURES

- CE, Lead-free & RoHS2 compliant.
- ISO/IEC 11801, CENELEC EN 50173-1 and IEC 60603-7
- IEC 60603-7-2 and IEC 60603-7-4
- Compatible for T568A and T568B wiring schemes

SPECIFICATIONS

Material	Conductor	Solid Bare Copper, 23 AWG
	Insulation	HDPE, 1.09 ± 0.03 mm
	Shield	Al Foil
	Braid	TC/ Al Wire
	Jacket	PVC/ LSZH/ PE, 0.6 ± 0.05 mm
	Cable outer diameter	7.5 ± 0.3mm
	Color	According to requires
	Rip - Cord	Yes
	Cross Filler	Yes
	Drain wire	No
Electrical	Impedance (Ω)	100 ± 15
	Delay Skew (ns/100m)	≤ 45
	NVP	69%
	Capacitance (nf/100m)	≤ 5.6
	Capacitance unbalanced to-ground (pf/100m)	≤ 330
	DC Resistance (Ω/100m)	≤ 9.38
	DC Conductor Resistance Unbalance (%)	≤ 5.0
Physical Properties	Before aging tensile strength	≥ 13.5 Mpa
	Before aging elongation	≥ 150 %
	Aging period	100°C x 24H x 7D
	After aging tensile strength	≥ 12.5 Mpa
	After aging elongation	≥ 125 %
	Cold bent -20 ± 2°C x 4H	No visible cracks

TECHNICAL PERFORMANCE (100M)

Frequency (MHz)	RL ≥dB	ATT (20°) ≤dB	NEXT ≥dB	ACR ≥dB	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	2.0	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	51.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8

PART NUMBER GENERATOR

INTEL6SFUP	Category 6 SF/UTP 23 AWG Cable PVC
INTEL6SFUL	Category 6 SF/UTP 23 AWG Cable LSOH