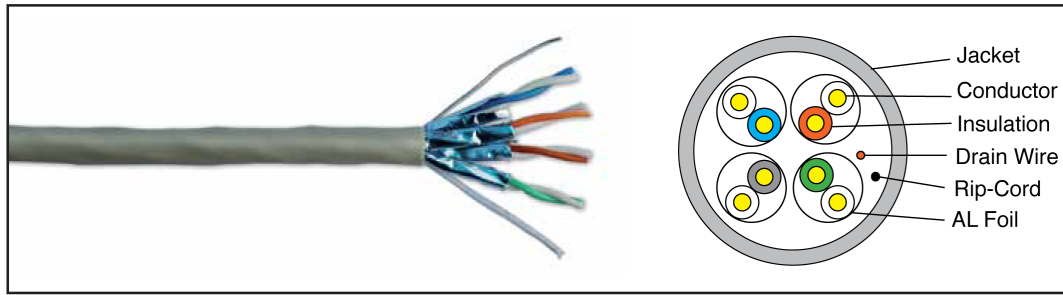


CATEGORY 6A 23 AWG F/UTP CABLE



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	Skin-foam-Skin PE, 1.06 ± 0.05 mm
	Shield	Al Foil
	Jacket	PVC/ LSZH/ PE, 0.55 ± 0.05 mm
	Cable outer diameter	7.5 ± 0.3 mm
	Color	According to requires
	Rip - Cord	Yes
	Cross Filler	Yes
	Drain wire	0.40 TC
Electrical	Impedance (Ω)	100 ± 15
	Delay Skew (ns/100m)	≤ 45
	NVP	74%
	Capacitance (nf/100m)	≤ 5.6
	Capacitance unbalanced to-ground (pf/100m)	≤ 330
	DC Resistance (Ω/100m)	≤ 9.38
Physical Properties	DC Conductor Resistance Unbalance (%)	≤ 2.0
	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	PSNET ≥dB	ACR-F ≥dB	PSACR-F ≥dB	PS ANEXT ≥dB	PS AACR-F ≥dB
1.0	20.0	2.1	74.3	72.3	67.8	64.8	67.0	67.0
4.0	23.0	3.8	65.3	63.3	55.8	52.8	67.0	66.2
10.0	25.0	5.9	59.3	57.3	47.8	44.8	67.0	58.2
16.0	25.0	7.5	56.2	54.2	43.7	40.7	67.0	54.1
20.0	25.0	8.4	54.8	52.8	41.8	38.8	67.0	52.2
31.25	23.6	10.5	51.9	49.9	37.9	34.9	67.0	48.3
62.5	21.5	15.0	47.7	45.4	31.9	28.9	65.6	42.3
100	20.1	19.1	44.3	42.3	27.8	24.8	62.5	38.2
200	18.0	27.6	39.8	37.8	21.8	18.8	58.0	32.2
250	17.3	31.1	38.3	36.3	19.8	16.8	56.5	30.2
300	16.8	34.3	37.1	35.1	18.3	15.3	55.3	28.7
500	15.2	45.3	33.8	31.8	13.8	10.8	52.0	24.2

PART NUMBER GENERATOR

INTEL6AUFP	Category 6A U/FTP 23 AWG Cable PVC
INTEL6AUFL	Category 6A U/FTP 23 AWG Cable LSOH