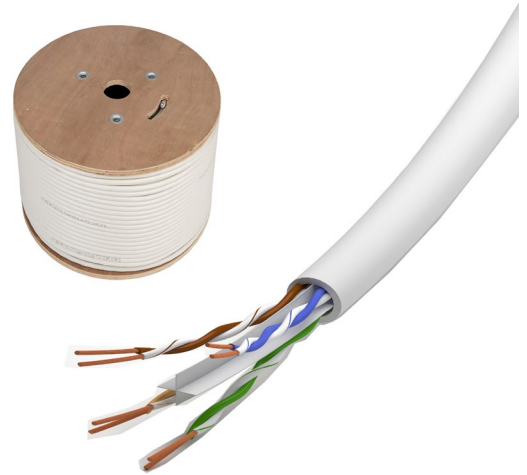




Technical Data Sheet

Mode Number :ASKA-CAT6A UTP (no shield) File Number:2020-10-19-011

1. Name of cable: LAN Cable
2. Type of Cable: CAT 6A
3. Designed of cable:
 - a) Inner conductor: Single bare copper 0.57±0.01mm
 - b) Insulation: HDPE
 - c) Size of insulation: 1.02±0.05mm
 - d) Color: WHBU/BU, WHOG/OG, WHGN/GN,WHBN/BN
 - e) Two wires twisted to one pair
 - f) Four pairs twisted to a qual
 - g) PE filler
 - h) Rip wire
4. Jacket: PVC
 - a) Color: white/grey, blue, yellow etc.
 - b) Size: 6.8±0.2mm
 - c) Wall thickness: 0.6mm
 - d) Printing : According to custom
 - e) Serrated inner wall of jacket
5. 20°C Electric date
 - a) Conductor resistance: ≤80ohm/KM
 - b) Insulation resistance: ≥5000M ohm*KM
 - c) Testing voltage: 50MHz 1Min (wire/wire 50Hz 1Min)=1.5KV
 - d) Other Electric date



Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	ohm	≥ dB/100M	≤ dB/100M	≥ dB/100M	≥ dB/100M	≥ dB/100M	≥ dB/100M	≤ ns/100M	
1	100±15	20.0	1.9	74.3	68.0	72.3	65.0	≤45	66%
4		23.0	3.7	65.0	56.0	63.3	53.0		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25.0	5.9	59.0	48.0	57.3	45.0		
16		25.0	7.5	56.0	43.9	54.2	40.9		
20		25.0	8.4	55.0	42.0	52.8	39.0		
25		24.3	9.5	53.3	40.0	41.3	37.0		
31.25		23.6	10.6	52.0	38.1	49.9	35.1		
62.5		21.5	15.4	47.0	32.1	45.4	29.1		
100		20.1	19.8	44.0	28.0	42.3	25.0		
200		18.0	29.0	40.0	22.0	37.8	19.0		
250		17.3	32.8	38.3	20.0	36.3	17.0		
300		100±22	16.8	36.4	37.1	18.5	34.1		
500	15.2		48.9	33.8	14.0	30.8	11.0		

6. Other requirement:
 - a) Permissible temperature: -10°C -- 60°C
 - b) Packing: 305m/spool (1000ft/spool)