

Model No.: VK6A23GLSxxxxyy
Description: LSZH 4PR SOLID 23AWG U/UTP CAT6A LAN Cable



Standard 305M package



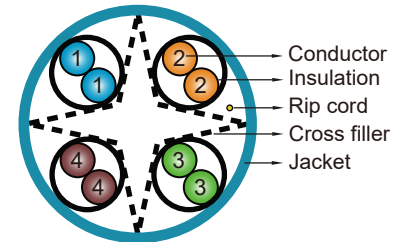
Standard 500M package

Application

Vectorkom category 6A unshielded horizontal solid LAN cable (UUTP) allows for data transmission between patch panels, outlets and/or IT equipment installed in data center or terminal users buildings. Backwards compatible with Cat5e & Cat6 application. Cable is supplied on a plastic reel with outer carton or on a wooden reel with protection pads is depends on length.

Characteristics

Type of cable	4 pair cables Non-plenum cable
Conductor Material	High-purity oxygen-free Copper, 23AWG (1x0.56+/-0.01MM)
Cable insulation	HDPE, 1.0+/-0.05MM OD, nominal thickness is 0.2mm
Filler	HDPE Cross
Rip cord	Nylon under the sheath
Cable jacket	LSZH, 6.2+/-0.3MM OD
Conductor resistance	93.8ohms/KM MAX @ 20 C temperature
DCR unbalanced	<2.0% at same pair, <4.0% between different pairs
Insulation resistance	5000Mohm Min / KM
Mutual capacitance	≤5.6nF/100m
Capacitance unbalance	<160pF/100m at pair to ground
Propagation delay skew	45ns/100m
Storage temperature	-15 C to 75 C
Installation temperature	0 C to 60 C
Tensile strength of sheath	≥10MPa
Min ben radius (install)	100mm
Cable marking	



VECTORKOM CAT 6A UTP LSZH CABLE VK6A23GLSxxxxyy  **NVP @ 69% 4PR 23AWG 75 °C AS/NZS 3080 CAT 6A XXW/YYYY XXXM**

(Note: xxx & yy indicates refer to page 2 of ordering reference)

Transmission parameters

ITEM MHz	ATT	RL	NEXT	PS-NEXT	ACR-F	PS ACR-F
	≤dB/100m	≥dB	≥dB	≥dB	≥dB	≥dB
4	3.8	23.0	65.3	23.0	55.8	52.8
8	5.3	24.5	60.8	24.5	49.7	46.7
10	5.9	25.0	59.3	25.0	47.8	44.8
16	7.5	25.0	56.2	25.0	43.7	40.7
20	8.4	25.0	54.8	25.0	41.8	38.8
25	9.4	24.3	53.3	24.3	39.8	36.8
31.25	10.5	23.6	51.9	23.6	37.9	34.9
62.5	15.0	21.5	47.4	21.5	31.9	28.9
100	19.1	20.1	44.3	20.1	27.8	24.8
200	27.6	18.0	39.8	18.0	21.8	18.8
250	31.1	17.3	38.3	17.3	19.8	16.8
300	34.3	16.8	37.1	16.8	18.3	15.3
400	40.1	15.9	35.3	15.9	15.8	12.8
500	45.3	15.2	34.8	15.2	13.8	10.8

(Note: Spread out 100m cable and test it)

Standards

- EIA/TIA 568.2-D
- ISO/IEC 11801-1 / ISO/IEC 11801-2
- AS / NZS 3080

Ordering Reference

Part Number

VK6A23GLS **xxx****yy**

xxx indicates cable length

100 for 100 meters

200 for 200 meters

305 for 305 meters

500 for 500 meters

Custom length is available

yy indicates cable jacket color

WE for White

BL for Black

GR for Green

BU for Blue

RD for Red

YL for Yellow

OR for Orange

GY for Grey

Custom color is available