Product Description:

Conductor: BC

Conductor size: 0.57mm, 23AWG

Twist pairs: 4~25 pairs

Insulation: PE, HDPE

Insulation color: 4 pairs color: Blue/white-blue; Green/white-green; Orange/white-orange; Brown/white-brown, c olor coded according to ANSI/TIA/EIA-568-B color code

Shield: each individual pair Aluminum foil screened

Sheath: flame retardant PVC Rohs compliant, LSZH compound

Sheath color: white, grey, blue or as per request

Package: 305 meters per box or as per requirement

Main product model: FTP Cat6a, HSYVP6a, HSYYP6a, HSYZP6a

Product standard: ISO/IEC11801, IEC61156-2, YD/T1019-2001, ANSI/TIA/EIA-568B, UL444

Product characteristics:

Here are some interesting facts about CAT6A:
•The "A" in CAT6A means augmented. Also known as Augmented Category 6.
•The standard was ratified as an official IEEE standard in late 2006 (IEEE 802.3an-2006 10GBASE-T)
•CAT6A can run 10GbE up to 100 meters (328 FT)
•CAT6 cable can only run 10GbE up to 55 meters (180 FT)
•CAT6A is backward compatible with 10Base-T, 100Base-T, 1000Base-T (10/100/1000 Fast Ethernet and Gigabit Ethernet)

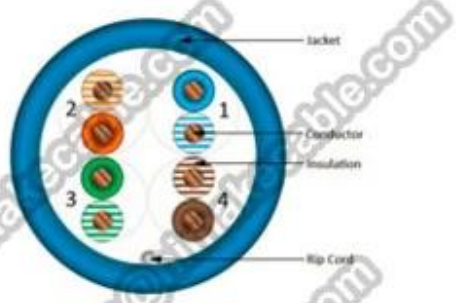
Product application:

The cable is designed for Network adapters, servers, high-end workstations, video processing/editing, Virtualization, high-performance cluster computing (HPPC), iSCSI, hubs, switches, routers, DSL/Cable Modems (probably won’t see 10 Gigabit DSL :-) but, there could be 10GbE LAN ports in the near future), patch panels and other computer networking applications that support CAT6A and 10 Gigabit Ethernet (10GE, 10GbE, 10 GigE, 10GBASE-T, 10-gigabit Ethernet) .

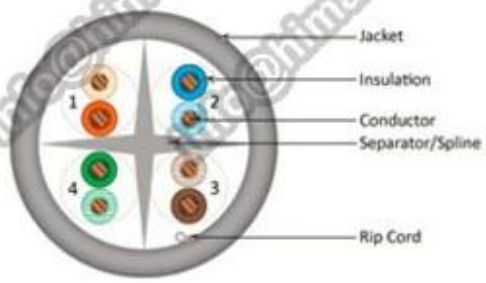
Comparison chart

Edit	Cat6	Cat6a
Speed	10 Gbps over 33-55 meters (110-165 feet) of cable	10 Gbps over 100 meters (330 feet) of cable
Frequency	Up to 250 MHz	Up to 500 MHz
Maximum cable length	100 meters for slower network speeds (up to 1,000 Mbps) and higher network speeds over short distances. For Gigabit Ethernet, 55 meters max, with 33 meters in high crosstalk conditions.	100 meters across all systems and conditions for Gigabit Ethernet.
Cost	Varies by length and manufacturer, with $0.40 - $0.60 per foot as an average; generally about 20% higher than Cat5e.	Varies by length and manufacturer, with $0.55 - $0.85 per foot as an average; generally about 20-35% higher than Cat6.
Standard gauges in conductors	22-24 AWG wire	16-20 AWG wire

CAT5e UTP Bulk Cable



CAT6 UTP Bulk Cable



CAT6A UTP Bulk Cable

Packaging & Shipping

info@himakecable.com

305m/pull out box

colour pull out box

2boxes in carton

305m/wooden reel

1000ft/wooden reel

305m wooden reel in carton

warehouse

warehouse

shipment

info@himalecable.com