



## Product Description

A). LIFE TECH patch cords are high performance FTP/UTP components available in broad range of lengths and easy-to-trace colors. They are designed to meet or exceed all Cat5, Cat5e, Cat6, Cat6a and Cat7 specifications, yet are fully backward compatible with lower systems.

B). Conductor is securely mated with a patented RJ45 plug design to deliver superior electrical performance with excellent repeatability. The unique anti-snagging feature simplifies removal and replacement of patch cords.

## Technical Specifications

Category	Cat6, Cat6a
Length	0.3m-50m (OEM length accepted)
Type	UTP or FTP
Conductor	Bare Copper or Copper Clad Aluminum
Jacket	FR-LSZH or PVC
Plug	RJ45 8P8C
Nickel or gold plating thickness	Cat5, Cat5e, Cat6: 3 $\mu$ & Cat6a: 6 $\mu$ & Cat7: 50 $\mu$
Impedance	100ohms $\pm$ 15%, 1MHz to 600MHz
Transport delay	536ns/100mmax. @ 250MHz
Delay offset	45ns max
Conductor resistance	66.58 ohms max / km
Capacitance	5.6NF max/100m
DC resistance	$\leq 7.55\Omega$
Pressure	300 volts AC DC
Bend radius	5 mm
U / NEC level	CMR, CM
Operating temperature	-20 degree to 60 degree range
Storage temperature	-20 degree to 80 degree between
Color	Grey, Blue or others
MOQ	10000 m for one color