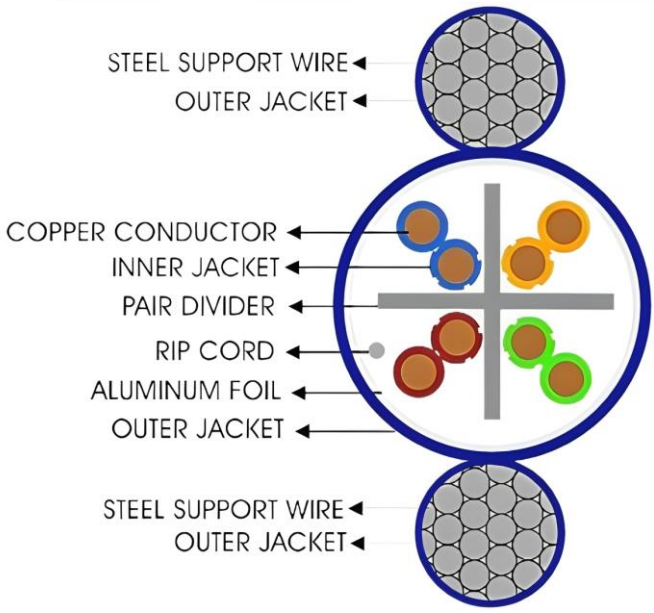




OPTERNET CABLES & WIRES



CAT6 UTP 4/23 AWG PVC LIFT TRAVELLING CABLE

Opternet cables are the best twisted-pair cables in the market for transmitting data over local area networks (LANs). As streaming videos and multimedia over LAN are gaining popularity, users demand faster data transmission and reduce waiting time. Opternet cables are ideal for simple, cost effective and high-speed transmission performance. They support a higher signal-to-noise ratio, providing better reliability for current applications and higher data rates for future applications. CAT6 cables reduce crosstalk and system noise. The superior insulation around the 23AWG copper wires attributes to the increase performance. They cable transmit data at 1000Mbps (1Gigabit per second) with a frequency of 100MHz and suitable for 10BASE -T, 100BASETX fast ethernet and 1000BASE-T / 1000BASE-TX (Gigabit Ethernet)

PHYSICAL AND MECHANICAL PROPERTIES

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Basic Conductor	CCAM (Mixed Copper, Aluminum, Magnesium)
Conductor Size	23AWG / 0.56mm
Insulation	HDPE
Number of Insulated Conductors	8, Twisted In 4 Pairs + 2 strong tensile force steel wire
Color Code of Pairs	Blue X White/Blue, Orange X White/Orange, Green X White/Green. Brown X White/Brown
Outer Jacket	Elasticity PVC
Standard Jacket Color	Blue/Grey/Black
Standard Surface Marking	Includes Opternet Cable P/N, Cable Description, Meter Mark And Model Number
Pulling Force	50 N/mm2 max
Short Term Bend Radius	8XOD (mm)
Storage Temperature	-20 TO +80°C
Temperature Operating Range	-20 TO +60°C
Installation Temperature Range	0 TO +60°C
Flame Test	IEC 60332-1

