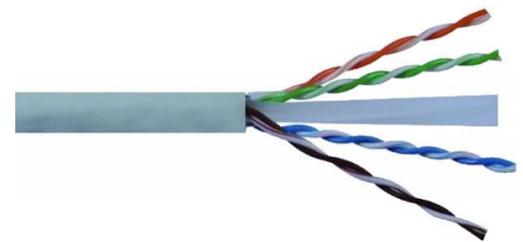


## NetLink Cat6 24AWG UTP Cable - 100m

### CONSTRUCTION

Conductor	Solid Bare Copper
Nominal Conductor Diameter	24 AWG (0.510 mm)
Insulation	Polyethylene (HDPE)
Pairing	Twisted into Two core
No. of Pair	4, Each pair Twisted
Pair #1	Orange-White with Orange
Pair #2	Brown-White with Brown
Pair #3	Blue-White with Blue
Pair #4	Green-White with Green
Outer Sheath Material	PVC
Color of Sheath	Grey
Approximate OD	5.8mm +- 0.2 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Temperature Rating	-20 to + 60 c
Packing	100 Mtr in a Box

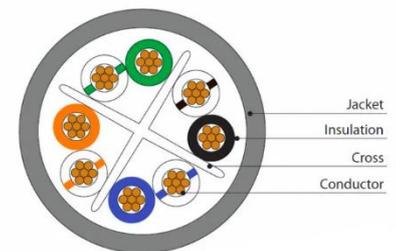


### PHYSICAL CHARACTERISTICS

Installation Temperature	0 to + 50 °C
Storage Temperature	-20 °C To +70 °C
Operating Temperature	-20 °C To +60 °C

### ELECTRICAL PARAMETER

Conductor Resistance (DC)	93.5 Ω/km @20 °C
Resistance Unbalance	5% Max
Mutual Capacitance	5.6 nF/100m
NVP	69%
IMPEDANCE	100Ω ±15%
Worst Cable Skew	45 ns/100m



Freq. (MHz)	Max. Attenuation (dB)	Min. NEXT (dB)	Min. PS-NEXT (dB)	Min. ACR-F (dB)	Min. PS-ACRF (dB)	Min. Return Loss (dB)
1.0	2.0	74.3	72.3	67.8	64.8	20.0
4.0	3.8	65.3	63.3	55.8	52.8	23.0
16.0	7.6	56.2	54.2	43.7	40.7	25.0
100.0	19.8	44.3	42.3	27.8	24.8	20.1
250.0	32.8	38.3	36.3	19.8	16.8	17.3