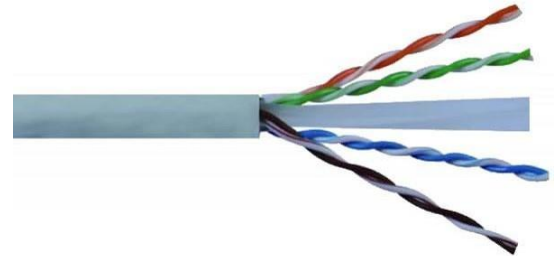


## NetLink Category 6 23 AWG UTP Cable - (305m)

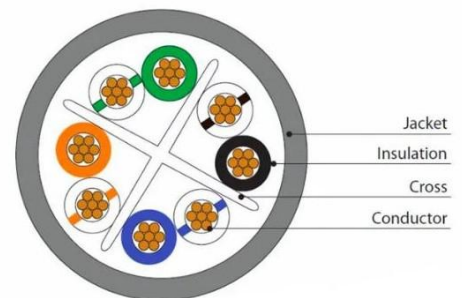
### CONSTRUCTION

Conductor	Solid Bare Copper
Nominal Conductor Diameter	23 AWG (0.56 +/- 0.01 mm)
Insulation	Polyethylene (HDPE)
Pairing	Unshielded 4 Twisted Pair
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 / Blue
Approximate OD	5.8mm +/- 0.2 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Packing	305 Mtr in a Box
Standard	ANSI/TIA/EIA-568B.2 IEEE802.3U/IEEE 802.5 ISO/IEC 11801 EN50173



### ELECTRICAL PARAMETER

Conductor Resistance (DC)	93.5 $\Omega$ /1000 mtr @ 20c Max
Resistance Unbalance	5% Max
Mutual Capacitance	5.6 nf/100 mtr Max
NVP	69%
IMPEDANCE	100 +/- 15% $\Omega$
Worst Cable Skew	45ns / 100 mtr



### PHYSICAL CHARACTERISTICS

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

Frequency (MHz)	Return Loss (dB)	Attenuation (dB/100m)	ACR (dB)	PSNEXT (dB)	NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	Delay Skew (ns/100m)
1 MHz	20	2	72	72.3	74.3	67.8	64.8	570
4 MHz	23	3.8	61	63.3	65.3	55.8	52.8	552
8 MHz	24.5	5.3	55	58.8s	60.8	49.7	46.7	547
10 MHz	25	6	53	57.3	59.3	47.8	44.8	545
16 MHz	25	7.6	49	54.2	56.2	43.7	40.7	543
20 MHz	25	8.5	46	52.8	54.8	41.8	38.8	542
25 MHz	24.3	9.5	44	51.3	53.3	39.8	36.8	541
31.25 MHz	23.6	10.7	41	49.9	51.9	37.9	34.9	540
62.5 MHz	21.5	15.4	32	45.4	47.4	31.9	28.9	539
100 MHz	20.1	19.8	25	42.3	44.3	27.8	24.8	538
150 MHz	18.9	24.7	16.9	39.7	41.7	24.3	21.3	537
200 MHz	18	29	10.8	37.8	39.8	21.8	18.8	537
250 MHz	17.3	32.8	5.5	36.3	38.3	19.8	16.8	536

## WARRANTY

Warranty	5 Year
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