

# BOQ

Sr. No.	Description	Quantity	Unit	Make/Model	Unit Price	Total price
01	Cat-6 24AWG UTP Cable 305 Meter Roll	10	Each			

**Total Price:**



## Cat-6 24AWG UTP Cable 305 Meter Roll

Number of Pairs	4 pair UTP
Data frequency @ 1Gbps	250 MHz
Max data rate	1000 Mbps (~1 Gigabit per second)
Conductor Metal	Solid Bare copper
Conductor Diameter	24AWG
Insulation Material	HD-PE
Jacket Material	PVC
Cable Diameter	≥ 5.7 mm
Mutual Capacitance	~ 5.6nF/100m
Characteristics Impedance	100Ω±15%
Conductor Resistance	< 9.5Ω/100m
Resistance Unbalance	5% Max
Capacitance Unbalance	330pF/100m
Delay Skew	< 45nS
Rip Cord	Yes
Filler / Conductor Separator	Yes
Bending Radius	< 4 X Cable Diameter at -20°C ± 1°C
Pulling Force	11.5Kg
Operating Temperature Range	-20° to +70°C
Compliant	TIA/EIA-568.2-D OR TIA/EIA 568B.2, CUL, RoHs
Applications	10BASE-T, 100BASE-TX Fast Ethernet and 1000BASE-T / 1000BASE-TX (Gigabit Ethernet)

