

<b>Model Product</b>	<b>Unit</b>	<b>UTP CAT6 BC PE</b>
<b>Construction:</b>		
Conductor	Conductor	Solid Bare Copper
Conductor OD	mm	0.55 ± 0.005
Conductor AWG		23 AWG
Insulation		HDPE
Insulation Dia	mm	1.035±0.02
CoreColours		1P-White-Blue/Blue,2P-White-Orange/Orange3P-White-Green/Green4P-White-Brown/Brown
Individual Pair Shielding		NO
Plastic Separator		Yes (ROHS Compliant)
Drain Wire		NO
Outer Shielding		NIL
Outer Shielding Coverage		NIL
Jacket Material		PE (ROHS Compliant)
Jacket Thickness		0.60±0.05
Outer Dia		6.7±0.3
Rip Cord		NO
Color		Black
Jacket Tensile Strength	Mpa	10.5
Jacket Elongation	%	350
Bending Radius	XD	8 x OD
Packaging		
Packing		305M Reel
QTY		1
Size	cms	37x37x19
Weight	kgs	13kgs
<b>ElectricalandMechanical Parameters:</b>		
Impedance	Ohms/100m	100 ± 15
Frequency Range	MHz	1-300 MHz
DC Resistance for Conductor	Ohms	9.5
DC Resistance Unbalance	%	5.0 %
CapacitanceUnbalancetoground	pf/100m	330
Velocity of propagation	%	70 %
Delay Skew	ns/100m	≤45ns
Dielectric Strength	KV/min	1
Operating Temp Range	°C	-20 °C to +65 °C