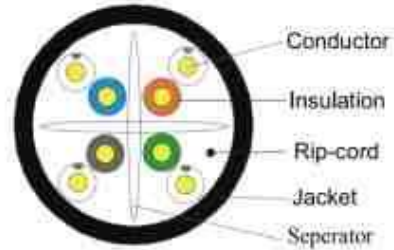


U/UTP CAT6 PE



ITEM NO.

U/UTP CAT6 PE

TEST STANDARD

ISO/IEC 11801, TIA/EIA 568C.2

CONDUCTOR

MATERIAL

Solid Bare Copper

Nom.O.D.

0.53±0.005mm

INSULATION

MATERIAL

HDPE

Nom.O.D.

0.95±0.05mm

OUTER JACKET

THICKNESS

0.50±0.05mm

EXTERNAL O.D.

5.5±0.3mm

MATERIAL

PE

COLOR

BLACK

ELECTRICAL CHARACTERISTICS (20°C)

Impedance(Ω)	100±15
Delay Shew(ns/100m)	≤45
NVP	69%
Capacitance(nf/100m)	≤5.6
DC Resistance(Ω/100m)	≤9.5
DC Conductor Resistance Unbalance(%)	≤5.0

RIP-CORD

YES

DRAIN WIRE

NO

PACKING

WOODEN REEL



PALLET



U/UTP CAT6 PE

TECHNICAL PERFORMANCE(100M)

FREQUENCY	RL	ATT(20℃)	NEXT	PSNEXT	ACR	ELFEXT	PS ELFEXT
(MHz)	≥dB	≤dB	≥dB	≥dB	≥dB	≥dB	≥dB
1.0	20.0	2.0	74.3	72.3	72.3	67.8	64.8
4.0	23.0	3.8	65.3	63.3	61.5	55.8	52.8
10.0	24.5	5.3	60.8	58.8	55.5	49.7	46.7
16.0	25.0	6.0	59.3	57.3	53.3	47.8	44.8
20.0	25.0	7.6	56.2	54.2	48.6	43.7	40.7
31.25	25.0	8.5	54.8	52.8	46.3	41.8	38.8
62.5	24.3	9.5	53.3	51.3	43.8	39.8	36.8
100	23.6	10.7	51.9	49.9	41.2	37.9	34.9
200	21.5	15.4	47.4	45.4	32.0	31.9	28.9
250	20.1	19.8	44.3	42.3	24.5	27.8	24.8

JACKET PHYSICAL PROPERTIES

AGING				COLD BEND	
	ITEM	Aging Period Before Aging	100℃*24h*7d After Aging	Cold Period Bend Radius	-20±2℃*4h 8*Cable O.D.
PVC	Tensile Strength	≥13.5Mpa	≥12.5Mpa	No Visible Cracks	
	Elongation	≥150%	≥125%		
LSZH	Tensile Strength	≥10.0Mpa	≥8.0Mpa	No Visible Cracks	
	Elongation	≥125%	≥100%		
PE	Tensile Strength	≥10.0Mpa	≥8.0Mpa	No Visible Cracks	
	Elongation	≥350%	≥300%		