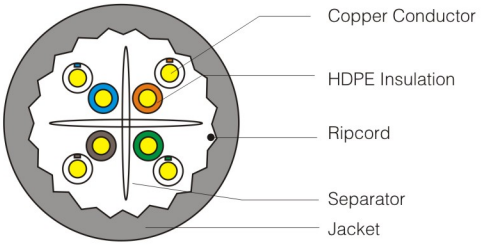
UTP CAT6A

REACH CPR



Application
Volp、ISDN、Token、100MTPPDM
Analongand DataVideo、TR-16ActiveAnd Passive
155M/662m/1.2GATM&IEEE802.3:100Bease
100Base-T、1000Base-T、10GBase-T

Product description
Rated Temperature: 60℃, 75℃, 90℃
Reference Standard: UI444, UL13,IEC60332
Bare solid copper conductor
RoHS complied PVC, LSZH jacket
Complies to TIA/EIA-568C&ISO/IEC 11801
IEC61156,EN50288

CABLE CONSTRUCTION(CAT6A)

Item No .	UTP CAT6A
Construction	UTP
Conductor Dimension(mm)	0.565
Core Dimension(mm)	1.02±0.03mm
No . of Pairs	4
Nom . OD(mm)	6.9±0.4mm
Type of Jacket	PVC /LSZH

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss dB/100m	Attenuation dB/100m	NEXT dB/100m	PHASE DELAY ns/100m	PSNEXT dB/100m	ELFEXT dB/100m	PSELFEXT dB/100m
1	20.0	2.1	74.3	570.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	49.9	37.9	34.9
62.5	21.5	15.0	47.4	538.6	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	37.8	21.8	18.8
250	17.3	31.1	38.3	536.3	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	31.8	13.8	10.8

Delay Skew(ns/100m)	≤45
Propagation Speed(m/s)	0.6c
Impedance(Ω)	100±15