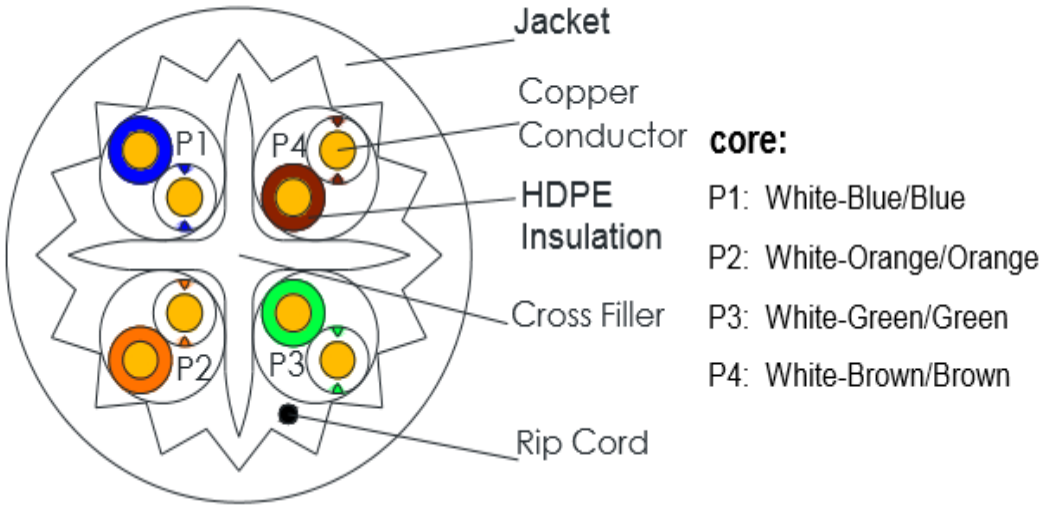
Nominal Transmission Characteristics								
Frequence	RL	IL	DOP	SKEW	NEXT	PSNEXT	ACR-F	PSACR-F
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)	(dB)	(dB)
1	20	2.1	570	45	74.3	72.3	67.8	64.8
4	23.0	3.8	552.0	45.0	65.3	63.3	55.8	52.8
10	25.0	5.9	545.0	45.0	59.3	57.3	47.8	44.8
16	25.0	7.5	543.0	45.0	56.2	54.2	43.7	40.7
20	25.0	8.4	542.0	45.0	54.8	52.8	41.8	38.8
31.25	23.6	10.9	540.4	45.0	51.9	49.9	37.9	34.9
62.5	21.5	15.0	539.0	45.0	47.4	45.4	31.9	28.9
100	20.1	19.1	538.0	45.0	44.3	42.3	27.8	24.8
200	18.0	27.6	537.0	45.0	39.8	37.8	21.8	18.8
300	17.3	34.3	536.0	45.0	37.1	35.1	18.3	15.3
400	17.3	40.1	536.0	45.0	35.3	33.3	15.8	12.8
500	17.3	45.3	536.0	45.0	33.8	31.8	13.8	10.8
Note: The above transmission performance for the 100M, 20 ± 2 ℃ under the conditions tested								

PRODUCT DATA SHEET			
TYPE		U/UTP CAT 6A 4*2*23AWG LDPE	
Structure		Structure A	
Conductors	Structure AWG	AWG	23#(1/23)
	Material	------	Solid Bare Copper
	Diameter	mm	Ø0.56+/-0.008
Insulation	Material	------	HDPE
	Diameter	mm	Ø0.98+/-0.05
	Average Thickness	mm	0.21+/-0.05
Shielding 1	Tyge	------	------
Assimbly	Direction	------	S
	NO.of insulations	Pair	4
Shielding 2	Material	------	------
Shielding 3	Shield	------	------
Jacket	Material	------	LSOH
	Diameter	mm	Ø8.5+/-0.3
	Average Thickness	mm	1.5+/-0.2
	Flame Rate	------	------

Construction:



Mechanical Characteristics	
1.Cable under the minimum tension	⩾400N
2.Conductor elongation	⩾15%
3.Jacket before Aging	
tesile Strength	⩾10Mpa
Elongation	⩾125%
4.Jacket After Aging	
Tensile Strength	⩾8Mpa
Elongation	⩾100%

Electrical Characteristic	
1.Impedance :	1-500MHz 100+/-15(Ohms)
2.Rated Temperature:	75℃
3.DC Resistance Unbalance(%):	Max2.5
4.DC Resistance 20℃	87 (Ohms/Km)
5.Pair-to- Gruond Capacitance Unbalance :	330(pF/100M)
6.Insulation Resistance:	>5000MΩ *Km
7.Dielectric strength:	DC 2500V 2S

APPROVED	CHECKED	DRAWN	CUSTOMER:	
			ITEM NO.	TP-57
			DRAW NO.	
			UNIT	mm
			SCALE	NONE

DESCRIPTION:

U/UTP CAT6A INSTALLATION CABLE 305m (GREY)

DELTACO