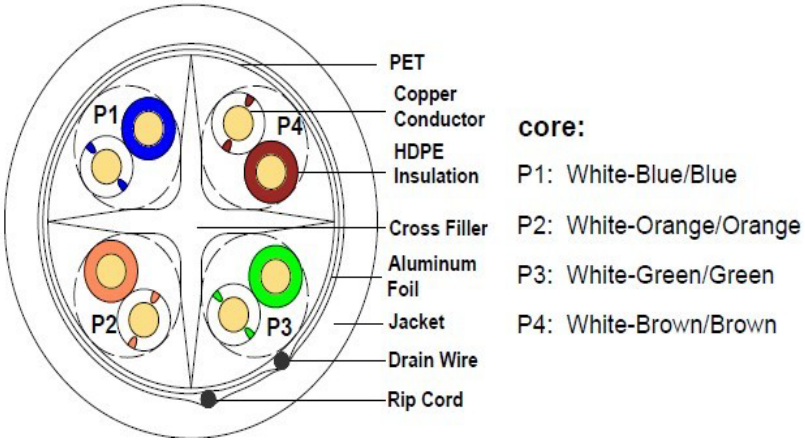
Nominal Transmission Characteristics								
Frequence	RL	IL	DOP	SKEW	NEXT	PSNEXT	ACR-F	PSACR-F
(MHz)	(dB)	(dB/100M)	(ns)	(ns)	(dB)	(dB)	(dB)	(dB)
1	20	2.2	590	62	74.3	72.3	67.8	64.8
4	23	4.1	572	62	65.2	63.2	55.7	52.7
10	25	6.5	565	62	59.3	57.3	47.8	44.8
16	25	8.2	563	62	56.2	54.2	43.7	40.7
20	25	9.3	562	62	54.7	52.7	41.7	38.7
31.25	23.6	11.5	560	62	51.8	49.8	37.9	34.9
62.5	21.5	16.2	558	62	47.3	45.3	31.8	28.8
100	20.1	20.4	557	62	44.3	42.3	27.8	24.8
200	18	29.2	556	62	39.7	37.7	21.7	18.7
250	17.3	33.8	555	62	38.3	36.3	19.8	16.8
Note: The above transmission performance for the 100M, 20 ± 2 ℃ under the conditions tested								

PRODUCT DATA SHEET			
TYPE			U/UTP CAT 6 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	Ø1.0+/-0.05
	Average Thickness	mm	0.22+/-0.05
Shielding 1	Tyge	------	------
Assimbly	Direction	------	S
	NO.of insulations	Pair	4
Shielding 2	Material	------	------
Shielding 3	Shield	------	------
Jacket	Material	------	LDPE
	Diameter	mm	Ø6.4+/-0.2
	Average Thickness	mm	0.6+/-0.1
	Flame Rate	------	------

uction:



core:

P1: White-Blue/Blue

P2: White-Orange/Orange

P3: White-Green/Green

P4: White-Brown/Brown

Mechanical Characteristics	
1.Cable under the minimum tension	⩾400N
2.Conductor elongation	⩾15%
3.Jacket before Aging	
tesile Strength	⩾9.7Mpa
Elongation	⩾350%
4.Jacket After Aging	
Tensile Strength	⩾75%×Tensile Strength before Aging
Elongation	⩾75%× Elongation before Aging

Electrical Characteristic	
1.Impedance :	1-250MHz 100+/-15(Ohms)
2.Rated Temperature:	75℃
3.DC Resistance Unbalance(%):	Max2.5
4.DC Resistance 20℃	84 (Ohms/Km)
5.Pair-to- Gruond Capacitance Unbalance :	330(pF/100M)
6.Insulation Resistance:	>5000MΩ *Km
7.Dielectric strength:	DC 2500V 2S
8.Insulation Temperature :	0~50℃
9.Operation temperature:	-20~60℃

APPROVED	CHECKED	DRAWN	CUSTOMER:	
			ITEM NO.	TP-49
			DRAW NO.	
			UNIT	mm
			SCALE	NONE

DESCRIPTION:

UTP CAT6 INSTALLATION CABLE 100m (BLACK)

DELTACO