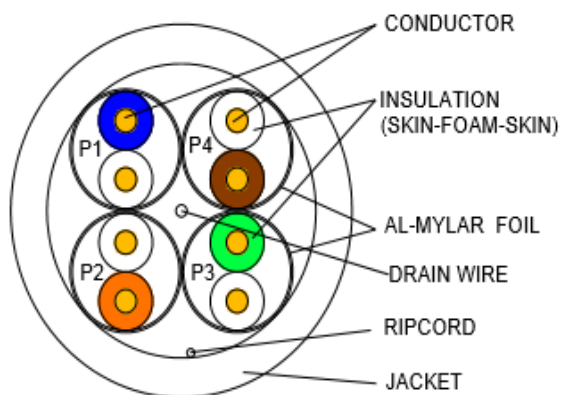


Nominal Transmission Characteristics								
Frequency	Min. RL	Min. IL	Max. DOP	Max. SKEW	Min. NEXT	Min. PSNEXT	Min. ACR-F	Min. PSACR-F
(MHz)	(dB)	(dB/100M)	(ns/100M)	(ns/100M)	(dB)	(dB)	(dB/100M)	(dB/100M)
1	20.0	2.1	570	45	74.3	72.3	67.8	64.8
4	23.0	3.8	552	45	65.3	63.3	55.8	52.8
10	25.0	5.3	545	45	59.3	57.3	47.8	44.8
16	25.0	7.5	543	45	56.2	54.2	43.7	40.7
20	25.0	8.4	542	45	54.8	52.8	41.8	38.8
31.25	23.6	10.5	540	45	51.9	49.9	37.9	34.9
62.5	21.5	15.0	539	45	47.4	45.4	31.9	28.9
100	20.1	19.1	538	45	44.3	42.3	27.8	24.8
200	18.0	27.6	537	45	39.8	37.8	21.8	18.8
300	17.3	34.3	536	45	37.1	35.1	18.3	15.3
400	17.3	40.1	536	45	35.3	33.3	15.8	12.8
500	17.3	45.3	536	45	33.8	31.8	13.8	10.8

Note: The above transmission performance for the 100M, 20 ± 2 °C under the conditions tested

PRODUCT DATA SHEET			
TYPE U/FTP CAT 6A 2*4*2*23AWG LSOH			
Consruction			
Conductors	Material	-----	Solid Bare Copper
	Conductors Size	mm	0.56+/-0.008
Insulation	Material	-----	PE(Skin-Foam-Skin)
	Diameter	mm	1.38+/-0.05
	Average Thickness	mm	0.41+/-0.05
Assbly	Direction	-----	S
	NO.of insulations	Pair	4
Shielding	Material	-----	Al-Foil Screened
Drain wire	Material	-----	0.40+/-0.005mm TC
	Material	-----	LSOH
Jacket	Diameter	mm	7.8+/-0.3
	Average Thickness	mm	0.65+/-0.1
	Color	-----	RAL4005
	Marking color	-----	BLACK

construction:



core:

P1: White/Blue
P2: White/Orange
P3: White/Green
P4: White/Brown

Application

Suitable for structured premises cabling
For transmission of digital and analogue voice and data signals.
Especially suitable for all Class EA applications
ISDN, Ethernet 10Base-T, Fast Ethernet 100Base-T, Gigabit Ethernet 1000Base-T, 10G Base-T, (IEEE 802.3)
Token Ring 4/16Mbit/s, TP-PMD/TP/DDI 125Mbit/s, ATM 155Mbit/s, (IEEE802.5)

Standard

IEC/ISO 61156-5
ANSI/TIA568C.2
ISO/IEC 11801

Electrical Characteristic

1. Impedance :	4-100MHz 100+/-15(Ohms) 100-200MHz 100+/-22(Ohms) 200-500MHz 100+/-32(Ohms)
2. Max. Conductor DC Resistance 20 °C	84 (Ohms/Km)
3 Resistance Unbalance(%):	Max2.5
4. Pair-to- Ground Capacitance Unbalance :	330(pF/100M)
5. Transfer impedance	Max10 mohms/m@100MHz
6. Coupling Atenuation	Min 80 dB
7. Insulation Temperature :	0~50 °C
8. Operation temperature:	-20~60 °C

APPROVED	CHECKED	DRAWN	CUSTOMER:	
			ITEM NO.	TP-54C
			DRAW NO.	
			UNIT	mm
			SCALE	NONE

DESCRIPTION:

U/FTP CAT6A INSTALLATION CABLE 100m
(WHITE)

