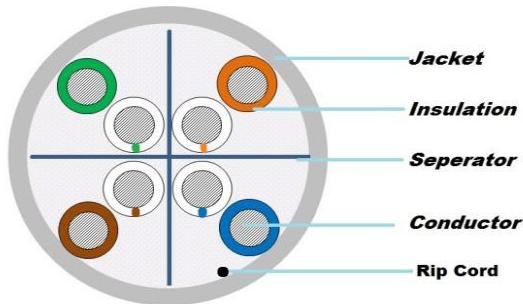


## SPECIFICATION

DESCRIPTION	CAT6 CABLE	
CONSTRUCTION ITEM		
<b>CONDUCTOR</b>	SIZE	23 AWG
	MATERIAL	Solid Bare Electrolytic Copper
	CONSTRUCTION	1/0.550±0.015mm
<b>INSULATION</b>	AVG.THICK	0.22mm
	MIN.THICK	0.18mm
	MATERIAL	HDPE
	DIAMETER	1.00±0.05mm
<b>SHIELDED</b>	FILLET SHIELD	-----
	AL/MYLAR MATERIAL	-----
	AL/ MYLAR CONSTRUCTION	-----
	MYLAR MATERIAL	-----
	MYLAR CONSTRUCTION	-----
	DRAIN MATERIAL	-----
	DRAIN CONSTRUCTION	-----
	BRAID MATERIAL	-----
BRAID CONSTRUCTION	-----	
<b>JACKET</b>	AVG.THICK	0.45±0.05mm
	MATERIAL	PVC
	DIAMETER	5.80±0.20mm
	COLOR	TBA
<b>MARKING</b>	MARKING NO.	INTERFACE® Type CM CAT6 4 PAIR 23 AWG UTP SOLID CABLE 60°C(UL) E498422 R-1-0004-C8 ( mtr marking)
	COLOR	BLACK.

### CONSTRUCTION DRAWING & COLOR



**CAT 6 UTP LAN CABLE**

#### CORE COLOUR

4P (BLUE, WHITE / BLUE) (ORANGE, WHITE / ORANGE) (GREEN, WHITE /GREEN ) (BROWN, WHITE / BROWN)

#### ORDERING PART NUMBER AND OUTER JACKET COLOUR:

R-1-0004-C8 :GREY COLOUR  
R-1-0004-C6 :BLUE COLOUR  
R-1-0004-C7 :PURPLE COLOUR

### ELECTRICAL CHARACTERISTICS

- DC RESISTANCE OF CONDUCTOR AT 20°C :93.8 Ohms/Km(max)
- INSULATION RESISTANCE AT 20°C :5000 Mega Ohm/Km (min)
- DIELECTRIC STRENGTH(DIELECTRIC CONSTANT) :2.35(max)
- OPERATING FREQUENCY :0 to 250 Mhz
- NVP :69%