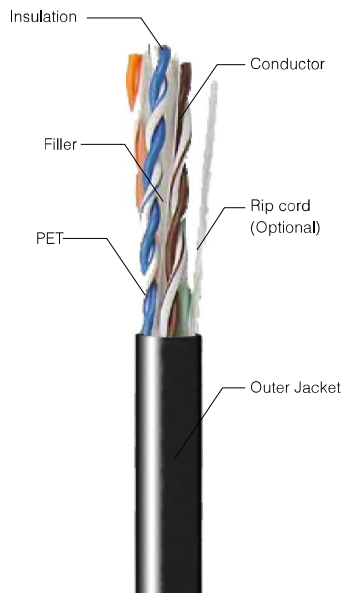


# Copper Structured Cabling Solutions

## Category 6A Cable

### Category 6A (4 Pair) U/UTP Outdoor Cable

Global **SIX**



#### Sheath Physical Properties

- Operating Temperature Range: -20~75°C
- Max Pulling Tension: 100N
- Min Bend Radius (Install): 8xO.D.

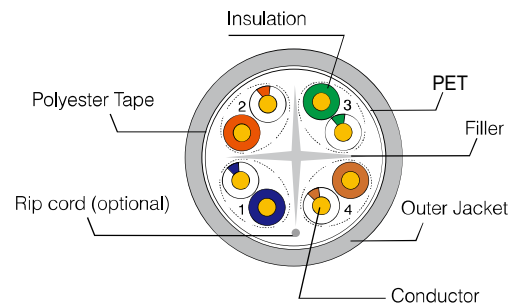
#### Electrical Characteristics 20° C

- Velocity Of Propagation: 0.65
- 1.0-250.0MHz Delay Skew (ns/100m) ≤ 45
- DC Resistance (Ω/100m) max 7.3
- DC Conductor Resistance Unbalance (%) max 2.0

Specifications	
Test Standard	ISO/IEC 11801,TIA-568-C.2 ,YD/T1019
Conductor - Material	SOLID-Bare Copper
Conductor - Dimension	23 AWG O.D.(mm) 0.58
Insulation - Material	HDPE
Insulation - Diameter	1.02 ±0.03mm
Sheath - Material	PE
External - O.D	6.3 ± 0.2mm

#### Technical Performance 100m:

FREQUENCY Mhz	RL db	ATT db	NEXT db	PHASE DELAY ns
1.0	20.0	2.1	74.3	570.0
4.0	23.0	3.8	65.3	552.0
8.0	24.5	5.3	60.8	546.7
10.0	25.0	5.9	59.3	545.4
16.0	25.0	7.5	56.2	543.0
20.0	25.0	8.4	54.8	542.1
25.0	24.3	9.4	53.3	541.2
31.25	23.6	10.5	51.9	540.4
62.5	21.5	15.0	47.4	538.6
100	20.1	19.1	44.3	537.6
200	18.0	27.6	39.8	536.5
250	17.3	31.1	38.3	536.3
300	16.8	34.3	37.1	536.1
500	15.2	45.3	33.8	535.6



#### Part Number

G6-UTP-C6A-X-Y\*

Cat6A U/UTP Outdoor Solid Cable

X - Jacket/Sheath: X=PE  
 Y - Color: 1=BLUE, 2=GREY, 3=WHITE, 4=GREEN, 5=YELLOW, 6=PURPLE, 7=RED, 8=PINK, 9=ORANGE, 10=BLACK  
 \* - Reel Length: 3=305m, 5=500m