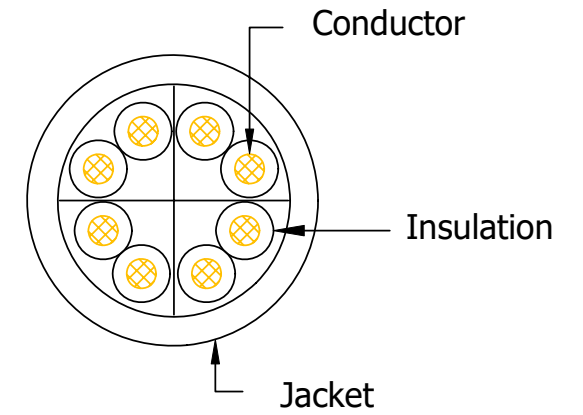
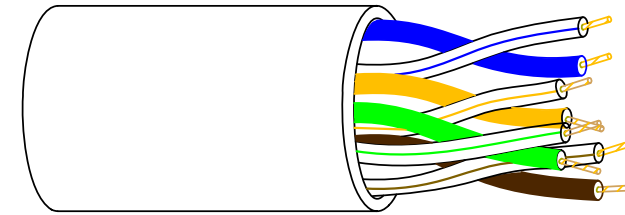


### 1.) Structure:

Item		Specification
Conductor	Material	Bare Copper
	Construction	7C / 0.2mm
	Diameter	0.2 ± 0.004mm
Insulation	Material	HDPE
	Average Thickness	0.20mm
	Diameter	0.95 ± 0.05mm
Twisted		Refer to structure figure
Rip Cord		Nylon rope
Jacket	Material	45P PVC
	Average Thickness	0.55 ± 0.05mm
	Diameter	5.3 ± 0.2mm




### 2.) Wire construction

Pair	Wire Arrangement	Twist Pitch
1P	Blue / Blue + White	20mm
2P	Orange / Orange + White	17mm
3P	Green / Green + White	14mm
4P	Brown / Brown + White	11mm

### 3.) Characteristic:

1. Electrical properties: Refer to TIA/EIA-568C.2
2. Physical properties
  - (1.) Insulation: Tensile strength: 2400psi:  
(unaged) Elongation: 300%
  - (2.) Jacket: Tensile strength: 2000psi:  
(unaged) Elongation: 100%
  - (3.) Flame Test:
3. Conductor Resistance:
  - 93.8 OHM/km at 20°C Max
  - Spark Test: 1750V AC
  - Dielectric Strength: 1500V AC.2S
4. Center degree: ≥93%

**RoHS**

Part #	CP-C5E-ST-1K-XX (XX = Color)	Part #	Color	Length
Title	1000ft Bare Copper Cat5e Bulk Cable, 350MHz, Stranded Wire	CP-C5E-ST-1K-BK	Black	1000ft
Unit	 <b>PI Manufacturing Corp.</b>	CP-C5E-ST-1K-BL	Blue	1000ft
mm		CP-C5E-ST-1K-GN	Green	1000ft
		CP-C5E-ST-1K-GY	Grey	1000ft
		CP-C5E-ST-1K-RD	Red	1000ft
		CP-C5E-ST-1K-WH	White	1000ft
		CP-C5E-ST-1K-OR	Orange	1000ft