

## 1. Structure:

Item	Specification	
Conductor	Cond. Diam.	0.455mm
	Construction	Solid Copper
Insulation	Material	HD-PE
	Average Thickness	0.22 mm
	Diameter	0.92 mm
Twisted	Refer to structure figure	
Rip Cord		
Jacket	Material	45P UL PVC
	Average Thickness	0.5 mm
	Diameter	5.44 ± 0.2mm Blue

## 2. Wire Construction:

Pair	Wire Arrangement	Diameter
1P	Blue / Blue * White	0,48 / 0,48 (mm)
2P	Orange / Orange * White	0,485 / 0,48 (mm)
3P	Green / Green * White	0,48 / 0,48 (mm)
4P	Brown / Brown * White	0,48 / 0,48 (mm)

## 3. Characteristic:

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

## 4. Marking

Connection Cabling Solutions, UTP 4PR  
ETL FT4 VERIFIED TO TIA / EIA-568B.2 & ISO/IEC 11801  
ENHANCED CAT 5E



## 5. Packing



### ORDER INFORMATION

CUP-5124	CAT-5E Cable UTP, 100MHz, Par 4-Balanced Tested 1000FT, BLUE
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