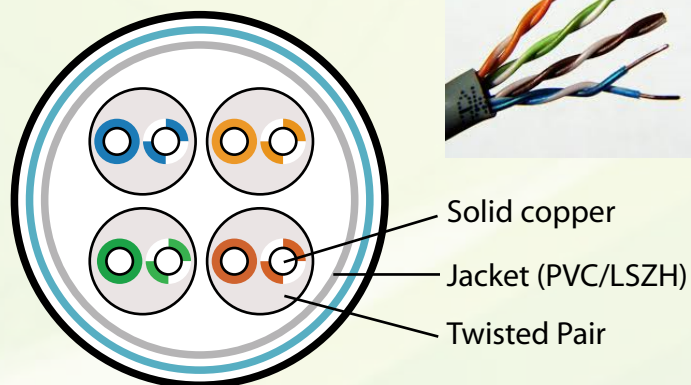


Specification



Ring Conductor

Tip Conductor

Twisted Pair

- 4 pair shielded twisted pair
- Jacket Diameter : 24AWG
- Core diameter : 0.51mm
- Conductor : Solid or stranded copper
- Jacket : PVC or LSZH
- Insulation : Colour coded PE
- Storage and Operating Temperature : 60 c
- Verified Compliant : TIA/EIA 568A Standard
- Flammability Grade : CMX , CM , MP , CMR, MPR
- Drum Size : 305 meter or 1000 feet
- Reelex Pull-Out Box Packing Available

Pair		Jacket Color
1	Tip	White
	Ring	Blue
2	Tip	White
	Ring	Orange
3	Tip	White
	Ring	Green
4	Tip	White
	Ring	Brown

Electrical Characteristics (CAT 5e - AWG 24)

Frequency MHz	Impedance MHz	RL dB	Attenuation dB/100	Pair dB	Power Sum dB	Pair dB	Sum dB	Velocity Propagation
0.772	100 ± 15	19.4	1.8	67.0	64.0	66.0	63.0	0.65
1.0		20.0	2.0	65.3	62.3	63.8	60.8	
4.0		23.0	4.1	56.3	53.3	51.7	48.7	
8.0		24.5	5.8	51.8	48.8	45.7	42.7	
10.0		25.0	6.5	50.3	47.3	43.8	40.8	
16.0		25.0	8.2	47.3	44.3	39.7	36.7	
20.0		25.0	9.3	45.8	42.8	37.7	34.7	
25.0		24.3	10.4	44.3	41.3	35.8	32.8	
31.25		23.6	11.7	42.9	39.9	33.9	30.9	
62.5		21.5	17.0	38.4	35.4	27.8	24.8	
100.0		20.1	22.0	35.3	32.3	23.8	20.8	

Ordering Information

1. TTSC-CI5E-01 for 305 mtr
2. TTSC-CI5E-02 for 500 mtr