

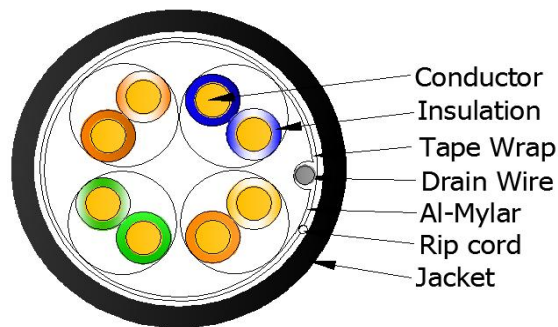


Product Specification

Specification:

Item	Unit	Spec. Value	
Conductor	Wire No.	4P	
	Material	Solid Bare Copper	
	Construction	No./mm	0.51±0.02
Insulation	Material	PE	
	Diameter	mm	1.02±0.05
	Color	---	1.Blue&White Blue 2.Orange&White Orange 3.Green&White Green 4.Brown&White Brown
Tape Wrap	Material	/	PET 100% Coverage
Foil Shield	Spec	mm	AL-Mylar 100% Coverage
Drain Wire	Material	---	Tinned copper
	Spec	---	0.4±0.05mm
Rip cord	---	/	Yes
Jacket	Material	---	PVC
	Color	---	Assorted upon request
	Thickness	mm	0.55±0.1
	Diameter	mm	6.2±0.3

Sketch:



Application:

1: Material : Comply RoHS

Mechanical Specification :

Conductor Elongation	≥10%
Insulation Tensile Strength	≥16.5Mpa
Insulation Elongation	≥300%
Jacket Tensile Strength	≥13.8Mpa
Jacket Elongation	≥100%

F/UTP CAT5e 24AWGx4P PVC



LAN cable

Electrical Specifications:

Impedance	100±15Ω (1.0-100Mhz)
Conductor Resistance @20° C	Max.9.38Ω/100m
DC Resistance Unbalance	Max.5%
Insulation Resistance	Min. 5000 MΩ*Km
Delay Skew	Max.45ns/100m

HIGH FREQUENCY ELECTRICAL PERFORMANCE:(at 20° C 100m)

Frequency (MHz)	ATT (≤dB)	NEXT (≥dB)	PSNEXT (≥dB)	ELFEXT (≥dB)	PS ELFEXT (≥dB)	RL (≥dB)	Spread out 100m cable and test it
1.00	2.0	65.3	62.3	63.8	60.8	20.0	
4.00	4.1	56.3	53.3	51.8	48.8	23.0	
8.00	5.8	51.8	48.8	45.7	42.7	24.5	
10.00	6.5	50.3	47.3	43.8	40.8	25.0	
16.00	8.2	47.2	44.2	39.7	36.7	25.0	
20.00	9.3	45.8	42.8	37.8	34.8	25.0	
25.00	10.4	44.3	41.3	35.8	32.8	24.3	
31.25	11.7	42.9	39.9	33.9	30.9	23.6	
62.50	17.0	38.4	35.4	27.9	24.9	21.5	
100.00	22.0	35.3	32.3	23.8	20.8	20.1	