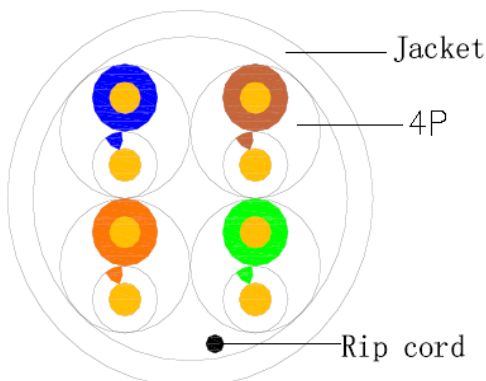


**Cross Section**



**Performance**

Nominal Characteristics Impedance @100MHz	100±15Ω
Nominal Conductor DC Resistance @ 20°C	<150Ω/100m
Nominal Conductor Capacitance	<5.6nF/100m
Propagation Delay	<538ns/100m
Resistance Unbalance (%)	<=5

**Mechanical Characteristics**

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	>=13.8
Aging Elongation (%)	>=100
Aging Condition (°Cxhrs)	100x240
After Tensile Strength (Mpa)	>=85% of unaged
Aging Elongation (%)	>=50% of unaged
Cold Bend(-20±2°Cx4hrs)	No crack

**Construction**

Conductor	CCA
AWG	24
Conductor Dia. (±0.01mm)	0.5
Insulation	HDPE
Average Thickness(±0.001mm)	0.2
Min. Point Thickness(mm)	0.18
Insulation Dia.(±0.005mm)	0.9
Twisting Lay Length(mm)	≤30
Cabling Lay Length(±20mm)	140
Outer Jacket	PVC
Average Thickness(mm)	0.5
Min. Point Thickness(mm)	0.4
Outer Dia.(±0.2mm)	5.1
Rip Cord	Per request

**Description**

Rated Temperature (°C)	75
Product Standard Certification	/
Flammability Test	retardant pvc
Application	Horizontal Wiring in LAN
Reference Standard	TIA/EIA568B ISO11801

**Marking**

According to customers' requirements

**Color**

Insulation colors are:

- Blue,White/Blue
- Orange,White/Orange
- Green,White/Green
- Brown,White/Brown

Jacket colors:

Grey

**Packing**

According to customers' requirements