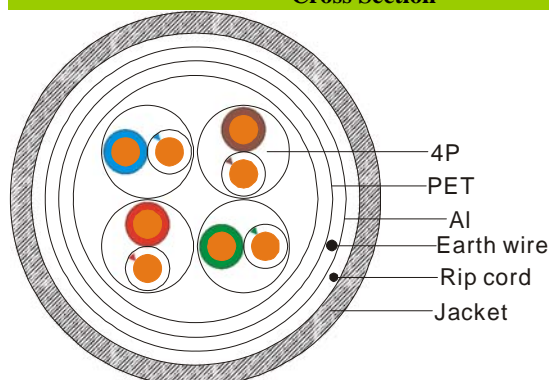


Cross Section

Construction

Conductor	CCA
AWG	24
Conductor Dia. (± 0.01 mm)	0.51
Insulation	HDPE
Average Thickness(± 0.001 mm)	0.2
Min. Point Thickness(mm)	0.18
Insulation Dia.(± 0.005 mm)	0.95
Twisting Lay Length(mm)	≤ 16
Cabling Lay Length(± 20 mm)	90
Outer Jacket	PVC
Average Thickness(mm)	0.55
Min. Point Thickness(mm)	0.45
Outer Dia.(± 0.2 mm)	5.7
Rip Cord	Per request

Color

Insulation colors are:

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

Jacket colors:

Grey

Performance

Nominal Characteristics Impedance @ 100MHz	100 \pm 15 Ω
Nominal Conductor DC Resistance @ 20°C	<150 Ω /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 ($^{\circ}$ Cxhrs)	100x240
After Tensile Strength (Mpa)	$\geq 85\%$ of unaged
Aging Elongation (%)	$\geq 50\%$ of unaged
Cold Bend(-20 $\pm 2^{\circ}$ Cx4hrs)	No crack

Description

Rated Temperature ($^{\circ}$ C)	75
Product Standard Certification	/
Flammability Test	retardant pvc
Application	Horizontal Wiring in LAN
Reference Standard	TIA/EIA568B ISO11801

Marking

According to customers' requirements

Packing

According to customers' requirements