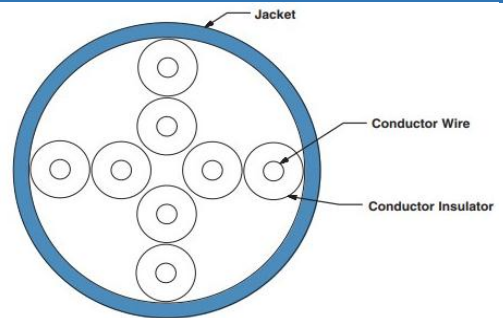


APPLICATION

The most common use for an Ethernet cable is connecting a WiFi router or modem to the internet entry port or telephone line. It can also be used to hardwire devices like TVs, computers, IP camera and other devices that require the internet or a network to work.



SPECIFICATION

Conductor

Material	CCA
Conductor Dia.	0.5mm
Wire gauge	24AWG

Insulation

Material	HDPE
Diameter	0.9+/-0.05mm
Color(4 Twisted Pairs)	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown

Jacket

Material	PVC
Diameter	5.0+/-0.05mm
Color	White, Blue, Gray, Green, Yellow, Beige or request

General

Installation Temperature	-20°C to 70°C
DC Resistance Unbalance	5%
Pair-to-Ground Capacitance Unbalance	330 pF/100 m
Capacitance	14pF/ft nominal
Pulling strength	130N
Dielectric Breakdown	1000 Volts DC Conductor to Conductor
Velocity of Propagation	PE=65%
Maximum Skew	45ns@100 meters
Rated voltage	300V
Bandwidth	100MHz
Carried standard	TIA/EIA-568B
Length	305M per easy pull box
Weight(with box)	7KGS per box
Packaging	2 boxes in carton
Packaging dimension	42*35.5*36CM/Carton
Certificates	CE & ROHS

TECHNICAL PERFORMANCE						
Frequency, MHz	RL	Attenuation, dB	NEXT, dB	PSNEXT, dB	ELFEXT, dB	PSELFEXT, dB
0.772	-	1.8	67	64	-	-
1	20	2	65.3	62.3	63.8	60.8
4	23	4	56.3	53.3	51.7	48.7
8	24.5	5.8	51.8	48.8	45.7	42.7
10	25	6.5	50.3	47.3	43.8	40.8
16	25	8.2	47.3	44.3	39.7	36.7
20	25	9.3	45.8	42.8	37.7	34.7
25	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	38.4	35.4	27.8	24.8
100	20.1	22	35.3	32.3	23.8	20.8

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