

DANH MỤC CÁP ĐỒNG



FEATURES / SPECS	CAT 5E	CAT 6	CAT 6A	CAT 7
Common Usage				
Phone Lines	✓	✓	✗	✗
Home Network	✓	✓	✗	✗
Office Network	✓	✓	✓	✗
Data Center	✗	✗	✓	✓
Potential Bandwidth (per sec)				
	1000 Megabits	1000 Megabits	10,000 Megabits	10,000 Megabits
Time to transfer 1 Terabyte				
	3 hours	3 hours	20 minutes	20 minutes
Data Transmission				
	1000 BASE-T	1000 BASE-TX	10GBASE-T	Exceeds 10GBASE-T
Connector Type				
	RJ45 8P8C	RJ45 (for Cat6)	RJ45 (for Cat6A)	GG45
Frequency Range Minimum				
	0 - 100 MHz	0 - 250 MHz	0 - 500 MHz	0 - 600 MHz
Frequency Maximum				
	350 MHz	500 MHz	600 MHz	750 MHz

DANH MỤC CÁP ĐỒNG

CÁC LOẠI VẬT LIỆU TRONG DÂY CÁP

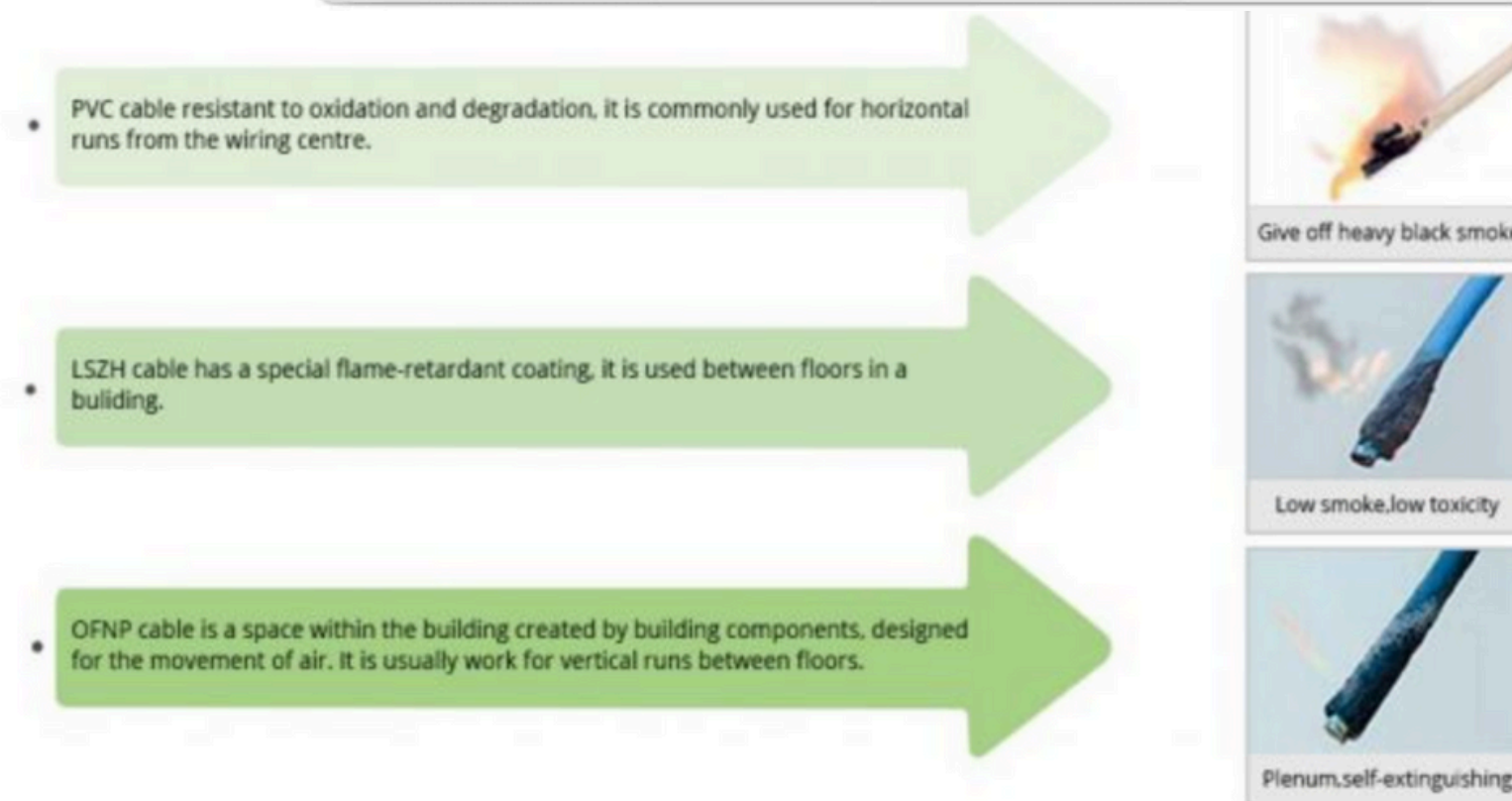
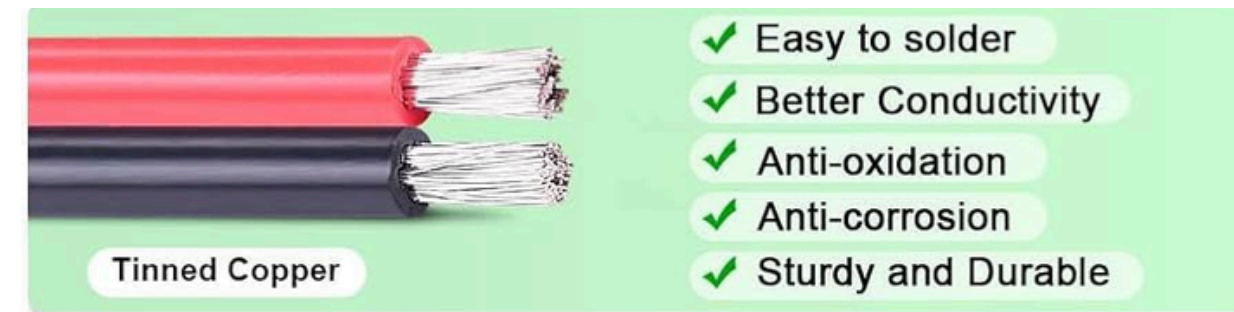


DẪN ĐIỆN

1. CU
2. Tinned copper
3. CCA

CÁCH ĐIỆN

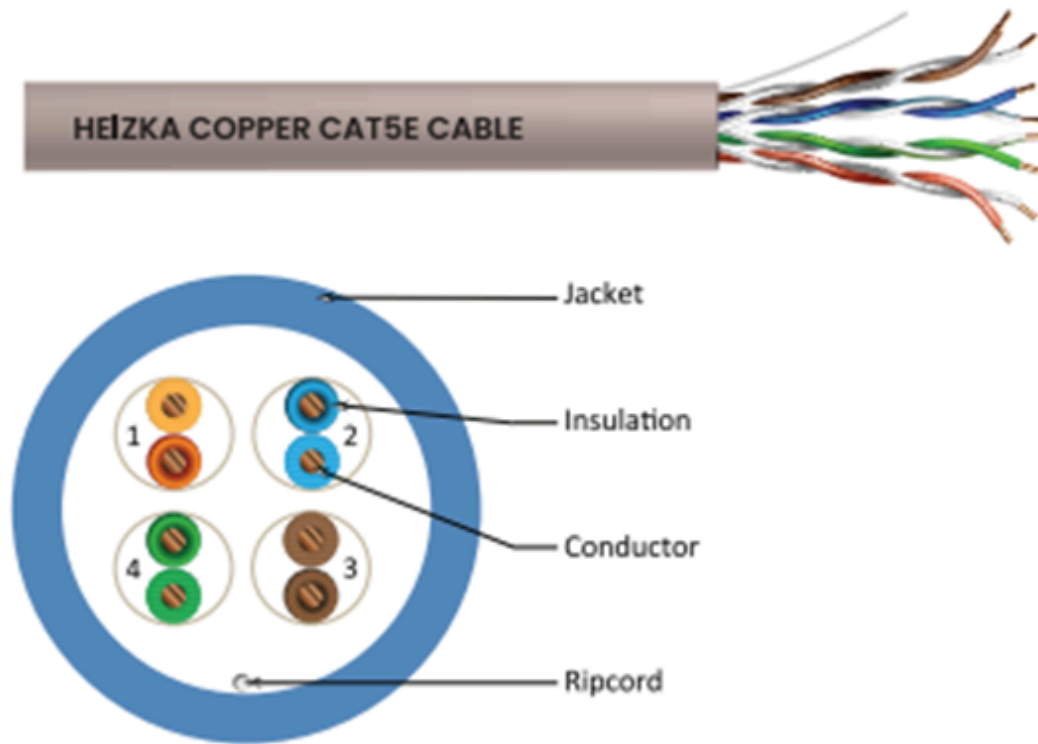
1. PVC
2. LSZH
3. PE
4. HDPE
5. XLPE
6. PLENUM



DANH MỤC CÁP ĐỒNG



CAT5E U/UTP Cable, Unshielded



Features:

- 1000Base-T applications
- Data cable for structured premises cabling up to class D and CAT5e applications
- Digital and analog voice, video and data signal transmission
- Frequency 1-100MHZ, extended to 350Mhz
- Available in a variety of LSZH flame retardant cables
- Durable length markings to reduce waste of cables.

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568 -C2
- IEC 61156-5
- EN50173-1

Item

Description

HEC5EU3PE	CAT5E U/UTP, PE, Black, 305m/Box
HEC5EU1CM	CAT5E U/UTP, CM, Blue, 305m/Box
HEC5EU1PC	CAT5E U/UTP, PVC, Blue, 305m/Box
HEC5EU5LZ	CAT5E U/UTP, LSZH, Purple, 305m/Box

Electrical Performance

Direct Current Resistance of Each Conductor	<9.38Ω/100m
Operating Capacitance	≤5.6nF/100m
Unbalanced Capacitance	≤330pF/100m
Impedance (ohms)	1~100MHz 100±15%
NVP	69%
Propagation Delay	≤45ns

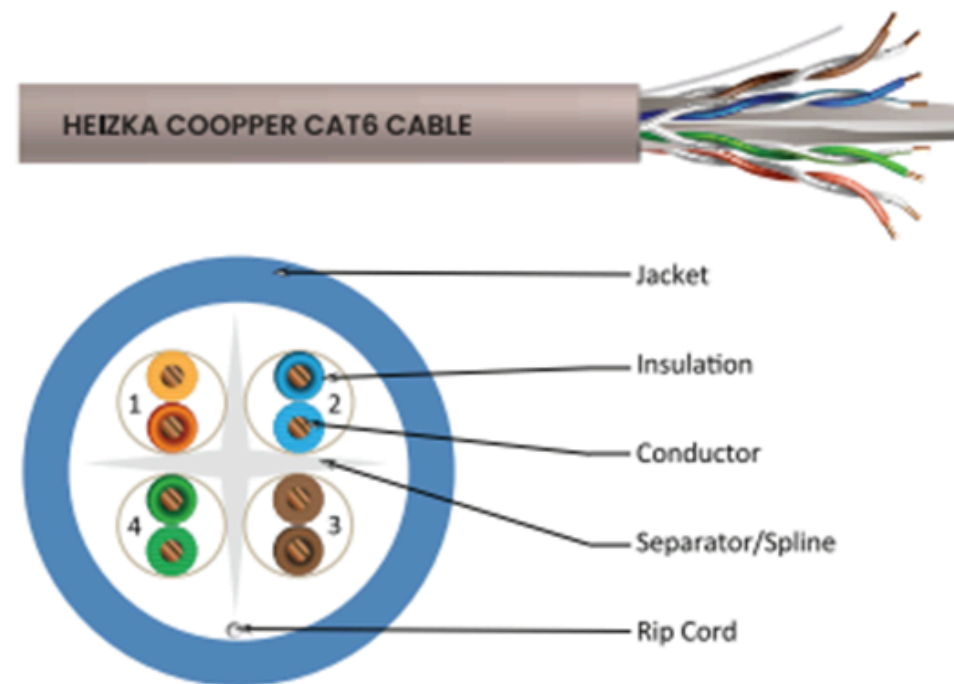
Construction:

Conductor	Material	Solid Bare Copper
	Structure	24 AWG
Insulation	Material	HDPE
	Color	White-Blue / Blue
		White-Orange / Orange
		White-Green / Green
		White-Brown / Brown
Jacket	Material	PVC, LSZH, PE
	Diameter	5.1±0.3mm

DANH MỤC CÁP ĐỒNG



61 SERIES - CAT6 250 to 350 MHz Cable, 24 AWG, UTP



Features:

- Unshielded Twisted Pair (UTP) Cable
- Cross filler inside to offer better crosstalk and impedance performance
- 24 AWG Bare Copper Conductors
- Easy-to-See Vivid-Color Conductor Insulation and Cable Jacket
- Available in a variety of LSZH flame retardant cables
- Designed in the USA
- Packaging: 305m/Box

Standard Compliance:

- ISO/IEC 11801
- ANSI/TIA/EIA -568.2-D
- IEC 61156-5
- EN50173-1

Item

Description

HEC61U3PE	CAT6 24AWG, U/UTP, PE, Black, 305m/Box
HEC61U1CM	CAT6 24AWG,U/UTP, CM, Blue, 305m/Box
HEC61U1PC	CAT6 24AWG, U/UTP, PVC, Blue, 305m/Box
HEC61U5LZ	CAT6 24AWG, U/UTP, LSZH, Purple, 305m/Box

Electrical Characteristics:

DC Resistance Unbalance (%):	≤2.0%
DC Resistance 20°C	≤95.0 (Ohms/Km)
Insulation Resistance	>5000MΩ×Km +20°C DC (100-500) V
Dielectric strength	DC 1000V ,1min No Breaking Down
Mutual Capacitance of a Pair	Max 5.6 nF/100m
NVP	68%

Mechanical Characteristics:

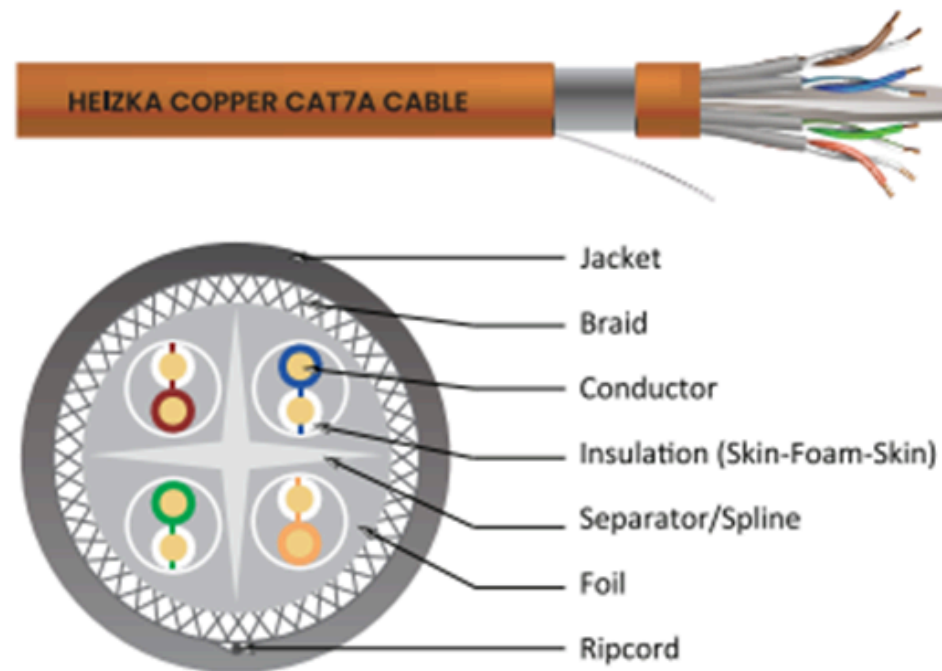
Conductor elongation		≥15%
Jacket before Aging (LSZH)	Tensile Strength	≥10Mpa
	Elongation	≥125%
Jacket After Aging (LSZH)	Tensile Strength (100°C±2°C,168h)	≥8Mpa
	Elongation (100°C±2°C,168h)	≥100%
Minimum Bend Radius		8x Cable Radius

Type			U/UTP CAT6 4x2x24AWG
Construction			Dimensions
Conductor	Structure AWG	AWG	24
	Material	-	Solid Bare Copper
Insulation	Material	-	HDPE
Twist	Direction	-	S
Fillers	Material		PE
Jacket	Material	-	LSZH/PVC/PE/CM/CMR
	Diameter	mm	6.0 ± 0.3
Installation Temperature Range			0°C ~ +70°C
Operating Temperature Range			-20°C ~ +70°C

DANH MỤC CÁP ĐỒNG



CAT7A S/FTP Cable, Frequency 1-1000MHz, Shielded



Features:

- 10G BASE-T applications
- Data cable for structured premises cabling up to class FA(MHz) 1000 applications
- Digital and analog voice, video and data signal transmission
- Power over Ethernet (PoE) / PoE+ / PoE++
- Excellent electrical performance with skin-foam-skin design
- Individually shielded pair and overall braid to offer good NEXT and ANEXT performance
- Available in a variety of LSZH flame retardant cables
- Durable length markings to reduce waste of cables.

Standard Compliance:

- IEC61156
- ISO/IEC 11801
- TIA568C.2
- IEC60574
- EN50399
- EN50173-1

Item # Description

HEC7ASF3PE	CAT7A S/FTP, PE, Black, 305m/Box
HEC7ASF1CM	CAT7A S/FTP, CM, Blue, 305m/Box
HEC7ASF1PC	CAT7A S/FTP, PVC, Blue, 305m/Box
HEC7ASF4LZ	CAT7A S/FTP, LSZH, Orange, 305m/Box

Electrical Performance

Direct Current Resistance of Each Conductor	$<9.38\Omega/100m$
Operating Capacitance	$\leq 5.6nF/100m$
Unbalanced Capacitance	$\leq 330pF/100m$
Impedance (Ω)	1~100MHz100 $\pm$ 15%
	100~250MHz100 $\pm$ 22%
	250~500MHz100 $\pm$ 25%
NVP	78%
Propagation Delay	$\leq 25ns$

Construction:

Conductor	Material	Solid Bare Copper
	Structure	23 AWG
Insulation	Material	Physical Foaming PE
	Color	White / Blue
		White / Orange
		White / Green
		White / Brown
Shielded	Material	Foil, Braid
Jacket	Material	PVC, LSZH
	Diameter	8.1 $\pm$ 0.3mm

DANH MỤC CÁP ĐỒNG



REELEX PACKAGING



knot

and damage.

Watch on YouTube

(they also infringe on US and International Patents and Trademarks)

DANH MỤC CÁP ĐỒNG

QUY CÁCH ĐÓNG GÓI



500M



REELEX



KNOCKOFF

ƯU ĐIỂM SẢN PHẨM

1. Xuất xứ thương hiệu tốt
2. Hàng CO/CQ và chứng nhận chất lượng đầy đủ.
3. Có các chứng chỉ quốc tế như CE, ROHS, IEC...
4. CAT6 24AWG có đường kính sản xuất là 0.52mm, các loại trên thị trường chủ yếu là 0.5 và 0.51mm. Đường kính lớn hơn đồng nghĩa với việc truyền tín hiệu và đặc biệt là dùng trong các ứng dụng PoE sẽ rất tốt.
5. Cat6 24AWG có quy cách đóng gói thùng lớn 500m -> Giảm thiểu hao hụt thi công từ 5-8%.
6. Quy cách đóng thùng Reelex không bị xoắn dây trong quá trình thi công -> dây không bị gập, đảm bảo chất lượng. Reelex là phải mua license đóng gói cùng dây chuyền sản xuất của Reelex USA.
7. Có chứng nhận bảo hành vàng 25 năm

PHỤ KIỆN CÁP ĐỒNG



Copper Cabling System

CAT 6 Patch Panel, Unshielded



Features:

- Meet and exceed Category 6 standard performance
- Snap-in design for easy installation and maintenance
- Convenient and clear marking
- Easy for management and operation
- Rear cable manager
- Available in 24 ports (1U) and 48 ports (2U)

Compliance:

- ANSI/TIA 568-C.2 Category 6
- ISO/IEC 11801 Class E

Electrical Performance:

Dielectric Strength	DC 1000V(AC750V) 1min, no breakdown and arcing phenomena
DC Resistance(Ω)	$\leq 300 \text{ m}\Omega$
Connecting Reactance(Ω)	$\leq 20 \text{ m}\Omega$
Insulation Resistance(Ω)	Under normal atmospheric pressure $\geq 500 \text{ m}\Omega$

Item

Description

HEAP60U124	CAT6 24 port Patch Panel Unshielded, 1U
HEAP60U248	CAT6 48 port Patch Panel Unshielded, 2U

Physical Performance:

IDC	Phosphor bronze
RJ45 Pin	Phosphor bronze with 50 μm gold plating
Plug Insertion	≥ 1000 times
IDC Insertion Life Span	≥ 250 times
AWG	22~26AWG
Wiring	T568A/T568B

Copper Cabling System

CAT6 Patch Cord



Features:

- 1000 Base-T Ethernet applications
- Stranded conductors for flexibility and bending performance
- Strain relief protection boots
- Gold-plated and staggered pin design to reduce NEXT
- Available in different colors and lengths

Physical Performance:

Insulation	HDPE
RJ45 Pin	Gold-plating
Plug Insertion Life Span	≥ 1000 times
Conductor	28Awg - 24Awg
Operating Temperature	-20~70°C

Compliance:

- IOS/IEC 11801:2008
- ANSI/TIA-568-C2
- IEC 61156-5
- IEC 60332-1

Maximum Resistance	236 Ohm/km
Insulation Resistance	750 V AC
Diameter	3,8 $\pm$ 0.2mm

HEA	CATEGORY	TYPE COPPER	STRUCT	COLOR	JACKET	LENGTH
1	2	3	4	5	6	7

PHỤ KIỆN CÁP ĐỒNG



Networking Wall Faceplate

86*86 Size



Characteristics

- Simple and compact design with high-resistance ABS
- Press the edge button, the frame can be open easily for assembly
- 1 Port/2 Port/4 Port available
- Convenient and clear marking
- The front frame can be straight and angled
- RJ45 keystone jack and fiber connectors are compatible with the faceplate
- Faceplate Dimension: 86(L) x 86(W) mm, with thickness 10.2mm

Item #	Description
HEA8601	faceplate, 86x86mm, 1 port
HEA8602	faceplate, 86x86mm, 2 port
HEA8604	faceplate, 86x86mm, 4 port

Faceplate US type

for RJ45 networks



Characteristics

- The faceplate is US type with dimensions 14*70mm
- It can be 1/2/3/4/6 port
- 1 Port/2 Port/4 Port available
- Perfectly loaded with all standard RJ45 keystone jacks
- The faceplate features white paper and a label holder for identification
- 1 part type for fast and easy installation

Item #	Description
HEA14701	US faceplate, 1 port
HEA14702	US faceplate, 2 port
HEA14703	US faceplate, 3 port
HEA14704	US faceplate, 4 port
HEA14706	US faceplate, 6 port

Floor Socket



Features:

- The pop-up floor socket 2 port provides a practical
- This product is versatile and can be assembled in various ways with RJ45 network, HDMI, USB, optical fiber
- It has a low profile and stylish metal cover, and the socket can be used at the push of a button
- The pop-up window, when closed, prevents the entry of spray water
- Material: Brass alloy, or Alu alloy
- Size: 120x120mm

Item #	Description
HEAF502	Floor Socket 2 Port

ƯU ĐIỂM SẢN PHẨM

1. Xuất xứ thương hiệu tốt
2. Hàng CO/CQ và chứng nhận chất lượng đầy đủ.
3. Đầy đủ sản phẩm cho việc kết nối hệ thống cáp đồng. Bao gồm nhân, mặt hạt, dây nháy, Patch Panell 24/48, ổ cắm âm sàn...
4. Đồng bộ sản phẩm từ Switch đến thiết bị đầu cuối, đảm bảo điều kiện để kiểm tra bảo hành 25 năm