



**LAN CABLE**  
and  
**ACCESSORIES**

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## Company Introduction

Hengtong Cable Australia is part of the Hengtong Group of companies. Founded in 1991, Hengtong Group is an international company with a diverse range of areas covering, Optical Fibre, Power, Marine and Offshore Cable, EPC Turnkey service and maintenance, as well as internet of things, big data and e-commerce, emerging materials and new energy.

Hengtong Group has 70 wholly-owned companies and holding companies (some are listed on various Stock Exchanges: Shanghai, Hong Kong and Indonesia) with 9 manufacturing facilities based in Europe, South America, South Africa, South Asia and Southeast Asia. as well as sales offices in over 40 countries and regions around the world supplying products to over 150 countries.

Hengtong Group is the largest Optical Fibre and Power Cable manufacturer in China and the second largest in the world. It is also in the top 2 largest Optical Fibre communication producers. Hengtong is implementing and transforming to intelligent manufacturing, to make it the most advanced cable manufacturer in the world.

Hengtong High Voltage Park, lays claim to the tallest VCV tower in the world, standing at an incredible 180m high. It currently houses 6 TROESTER VCV extruders.

Committing to innovation and social responsibility is at the heart of Hengtong. Hengtong has donated more than 700M RMB to local charities.

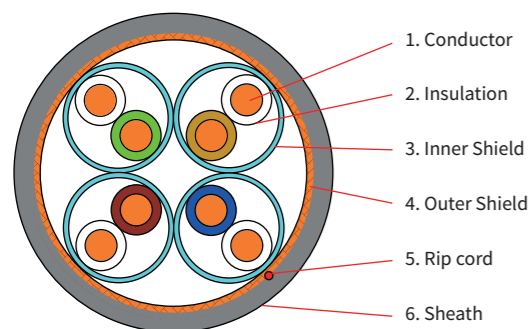
Hengtong Group employs some 20,000+ people including more than 4,000 international employees. Hengtong Group has a factory area of 200,000,000m<sup>2</sup> in China and 400,000m<sup>2</sup> internationally thus allowing Hengtong Cable Australia the ability to supply projects of any size and type.



## CAT7 S/FTP

(22AWG/23AWG BC+F-S-F PE+AL/PET)\*2\*4+  
Tinned Copper Braid+Rip Cord

Standards: IEC 61156  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 5.9Ω/100m (22AWG); 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-600MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-600MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 22AWG/23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin-foam PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by tinned copper

**5. Rip Cord**

**6. Sheath:** PVC/PE/LSZH, colours according to customer requirements



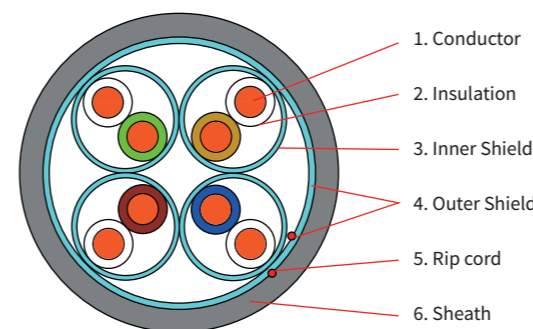
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	78	76	75	73	75
4	23.0	3.7	78	74	75	71	75
10	25.0	5.9	78	72	75	69	71
16	25.0	7.4	78	71	75	67	67
20	25.0	8.3	78	70	75	67	65
31.25	23.6	10.4	78	68	75	65	61
62.5	21.5	14.9	78	63	73	58	55
100	20.1	19.0	75	56	69	50	51
200	18.0	27.5	71	44	65	37	45
250	17.3	31.0	69	38	63	32	43
300	17.3	34.2	68	34	62	28	41
600	17.3	50.1	60	10	58	8	35

## CAT7 F/FTP

(22AWG/23AWG BC+1.4F-S-FPE+AL/PET)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 5.9Ω/100m (22AWG); 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-600MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-600MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 22AWG/23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin-foam PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by Al foil+drain wire (Al face inside)

**5. Rip Cord**

**6. Sheath:** PVC/PE/LSZH, colours according to customer requirements



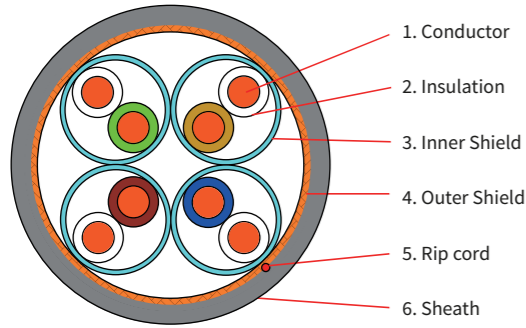
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	78	76	75	73	75
4	23.0	3.7	78	74	75	71	75
10	25.0	5.9	78	72	75	69	71
16	25.0	7.4	78	71	75	67	67
20	25.0	8.3	78	70	75	67	65
31.25	23.6	10.4	78	68	75	65	61
62.5	21.5	14.9	78	63	73	58	55
100	20.1	19.0	75	56	69	50	51
200	18.0	27.5	71	44	65	37	45
250	17.3	31.0	69	38	63	32	43
300	17.3	34.2	68	34	62	28	41
600	17.3	50.1	60	10	58	8	35

## CAT6A S/FTP

(23AWG BC+F-S-F PE+AL/PET)\*2\*4+  
Tinned Copper Braid+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-500MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-500MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 22AWG/23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin-foam PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by tinned copper

**5. Rip Cord**

**6. Sheath:** PVC/PE/LSZH, colours according to customer requirements



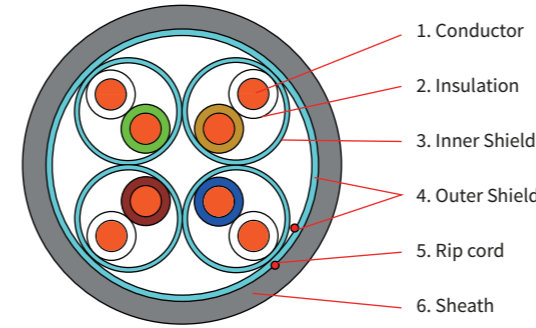
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.1	74	72	72	70	65
4	23.0	3.8	65	61	63	60	53
10	25.0	5.9	60	54	57	51	45
16	25.0	7.5	56	49	54	47	41
20	25.0	8.4	55	47	53	44	39
31.25	23.6	10.5	52	42	50	39	35
62.5	21.5	15.0	47	32	45	30	29
100	20.1	19.1	44	25	42	23	25
200	18.0	27.6	40	12	38	10	19
250	17.3	31.1	38	7	36	5	17
300	17.3	34.3	37	3	35	1	15
500	17.3	45.3	34	-	32	-	11

## CAT6A F/FTP

(23AWG BC+F-S-FPE+AL/PET)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-500MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-500MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin-foam PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by Al foil+drain wire (Al face inside)

**5. Rip Cord**

**6. Sheath:** PVC/PE/LSZH, colours according to customer requirements



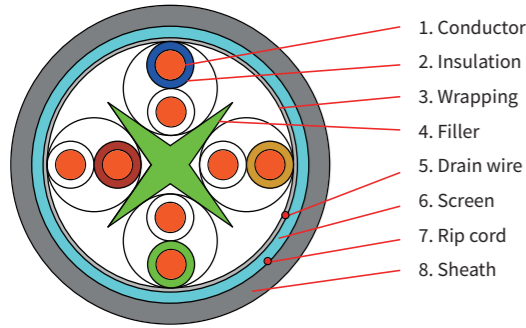
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.1	74	72	72	70	65
4	23.0	3.8	65	61	63	60	53
10	25.0	5.9	60	54	57	51	45
16	25.0	7.5	56	49	54	47	41
20	25.0	8.4	55	47	53	44	39
31.25	23.6	10.5	52	42	50	39	35
62.5	21.5	15.0	47	32	45	30	29
100	20.1	19.1	44	25	42	23	25
200	18.0	27.6	40	12	38	10	19
250	17.3	31.1	38	7	36	5	17
300	17.3	34.3	37	3	35	1	15
500	17.3	45.3	34	-	32	-	11

## CAT6A F/UTP

(23AWG BC+HDPE)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T  
**Storage Temperature:** -5°C~+50°C  
**Operating Temperature:** -20°C~+70°C  
**Tensile Strength. Max:** 80N  
**Minimum Bending Radius:** 10D. D is external cable diameter  
**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA  
**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)  
**Maximum DC Resistance:** 7.5Ω/100m (23AWG)  
**Maximum Resistance Unbalance:** 5%  
**Maximum Mutual Capacitance:** 5.6nF/100m  
**Working Frequency:** 1-500MHz  
**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-500MHz)  
**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

- Conductor:** 23AWG, solid bare copper conductor
- Insulation:** HDPE  
**Twisted Pair:**  
 White-Blue(Stripe)/Blue  
 White-Orange(Stripe)/Orange  
 White-Green(Stripe)/Green  
 White-Brown(Stripe)/Brown
- Wrapping:** PET tape
- Filler:** Cross
- Drain wire:** Tinned copper
- Screen:** Al foil
- Rip Cord**
- Sheath:** PVC/PE/LSZH, colours according to customer requirements



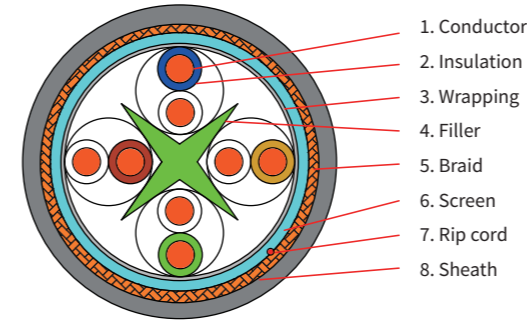
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.1	74	72	72	70	65
4	23.0	3.8	65	61	63	60	53
10	25.0	5.9	60	54	57	51	45
16	25.0	7.5	56	49	54	47	41
20	25.0	8.4	55	47	53	44	39
31.25	23.6	10.5	52	42	50	39	35
62.5	21.5	15.0	47	32	45	30	29
100	20.1	19.1	44	25	42	23	25
200	18.0	27.6	40	12	38	10	19
250	17.3	31.1	38	7	36	5	17
300	17.3	34.3	37	3	35	1	15
500	17.3	45.3	34	-	32	-	11

## CAT6A SF/UTP

(23AWG BC+HDPE)\*2\*4+  
Aluminium Foil+Tinned Copper Braid+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T  
**Storage Temperature:** -5°C~+50°C  
**Operating Temperature:** -20°C~+70°C  
**Tensile Strength. Max:** 80N  
**Minimum Bending Radius:** 10D. D is external cable diameter  
**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA  
**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)  
**Maximum DC Resistance:** 7.5Ω/100m (23AWG)  
**Maximum Resistance Unbalance:** 5%  
**Maximum Mutual Capacitance:** 5.6nF/100m  
**Working Frequency:** 1-500MHz  
**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-500MHz)  
**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

- Conductor:** 23AWG, solid bare copper conductor
- Insulation:** HDPE  
**Twisted Pair:**  
 White-Blue(Stripe)/Blue  
 White-Orange(Stripe)/Orange  
 White-Green(Stripe)/Green  
 White-Brown(Stripe)/Brown
- Wrapping:** PET tape
- Filler:** Cross
- Braid:** Tinned copper
- Screen:** Al foil
- Rip Cord**
- Sheath:** PVC/PE/LSZH, colours according to customer requirements



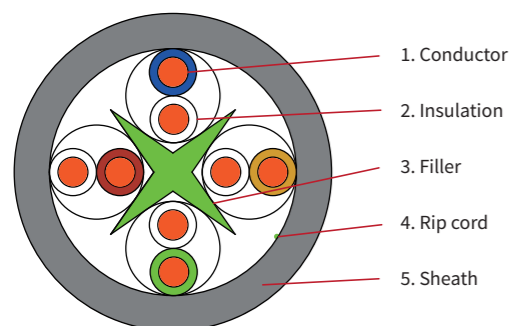
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FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.1	74	72	72	70	65
4	23.0	3.8	65	61	63	60	53
10	25.0	5.9	60	54	57	51	45
16	25.0	7.5	56	49	54	47	41
20	25.0	8.4	55	47	53	44	39
31.25	23.6	10.5	52	42	50	39	35
62.5	21.5	15.0	47	32	45	30	29
100	20.1	19.1	44	25	42	23	25
200	18.0	27.6	40	12	38	10	19
250	17.3	31.1	38	7	36	5	17
300	17.3	34.3	37	3	35	1	15
500	17.3	45.3	34	-	32	-	11

## CAT6A U/UTP

(23AWG BC+HDPE)\*2\*4+  
Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-500MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz); 100±25Ω (250-500MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Filler:** Cross

**4. Rip Cord**

**5. Sheath:** PVC/PE/LSZH, colours according to customer requirements



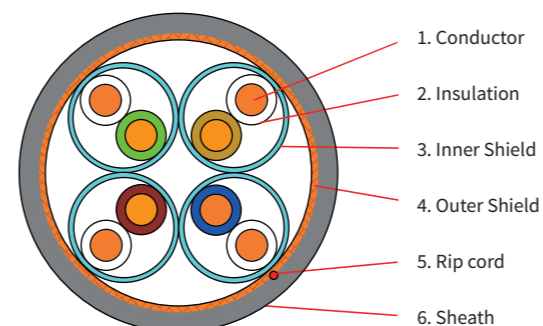
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.1	74	72	72	70	65
4	23.0	3.8	65	61	63	60	53
10	25.0	5.9	60	54	57	51	45
16	25.0	7.5	56	49	54	47	41
20	25.0	8.4	55	47	53	44	39
31.25	23.6	10.5	52	42	50	39	35
62.5	21.5	15.0	47	32	45	30	29
100	20.1	19.1	44	25	42	23	25
200	18.0	27.6	40	12	38	10	19
250	17.3	31.1	38	7	36	5	17
300	17.3	34.3	37	3	35	1	15
500	17.3	45.3	34	-	32	-	11

## CAT6 S/FTP

(23AWG BC+F-S-F PE+AL/PET)\*2\*4+  
Tinned Copper Braid+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-250MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by tinned copper

**5. Rip Cord**

**6. Sheath:** PVC/PE/LSZH, colours according to customer requirements



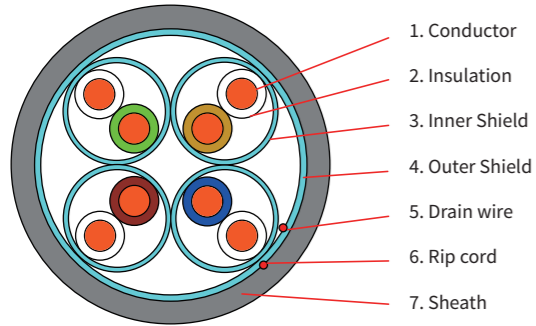
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	74	72	72	70	65
4	23.0	3.8	65	61	63	59	53
10	25.0	6.0	60	54	57	51	45
16	25.0	7.6	56	48	54	46	41
20	25.0	8.5	55	47	53	45	39
31.25	23.6	10.7	52	41	50	39	35
62.5	21.5	15.4	47	32	45	30	29
100	20.1	19.8	44	24	42	22	25
200	18.0	29.0	40	11	38	9	19
250	17.3	32.8	38	5	36	3	17

## CAT6 F/FTP

(23AWG BC+F-S-FPE+AL/PET)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-250MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** Foam-skin PE

**Twisted Pair:**

White/Blue

White/Orange

White/Green

White/Brown

**3. Inner Shield:** Individual Al foil (Al face outside) for each pair

**4. Outer Shield:** Covered by Al foil+drain wire (Al face inside)

**5. Drain Wire:** Tinned copper

**6. Rip Cord**

**7. Sheath:** PVC/PE/LSZH, colours according to customer requirements



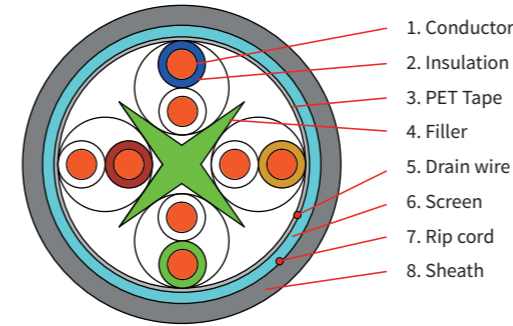
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	74	72	72	70	65
4	23.0	3.8	65	61	63	59	53
10	25.0	6.0	60	54	57	51	45
16	25.0	7.6	56	48	54	46	41
20	25.0	8.5	55	47	53	45	39
31.25	23.6	10.7	52	41	50	39	35
62.5	21.5	15.4	47	32	45	30	29
100	20.1	19.8	44	24	42	22	25
200	18.0	29.0	40	11	38	9	19
250	17.3	32.8	38	5	36	3	17

## CAT6 F/UTP

(23AWG BC+HDPE)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-250MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Wrapping:** PET tape

**4. Filler:** Cross

**5. Drain Wire:** Tinned copper

**6. Screen:** Al foil

**7. Rip Cord**

**8. Sheath:** PVC/PE/LSZH, colours according to customer requirements



### Specification Parameters:

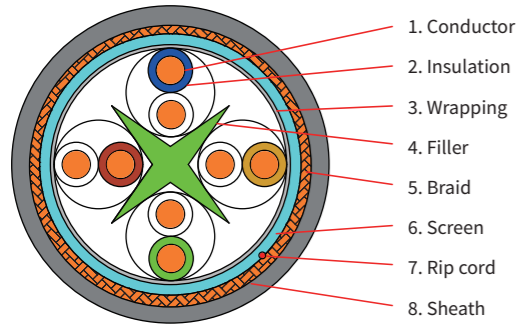
FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	74	72	72	70	65
4	23.0	3.8	65	61	63	59	53
10	25.0	6.0	60	54	57	51	45
16	25.0	7.6	56	48	54	46	41
20	25.0	8.5	55	47	53	45	39
31.25	23.6	10.7	52	41	50	39	35
62.5	21.5	15.4	47	32	45	30	29
100	20.1	19.8	44	24	42	22	25
200	18.0	29.0	40	11	38	9	19
250	17.3	32.8	38	5	36	3	17



## CAT6 SF/UTP

(23AWG BC+HDPE)\*2\*4+AL/PET+  
Tinned Copper Braid+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-250MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Wrapping:** PET tape

**4. Filler:** Cross

**5. Braid:** Tinned copper

**6. Screen:** Al foil

**7. Rip Cord**

**8. Sheath:** PVC/PE/LSZH, colours according to customer



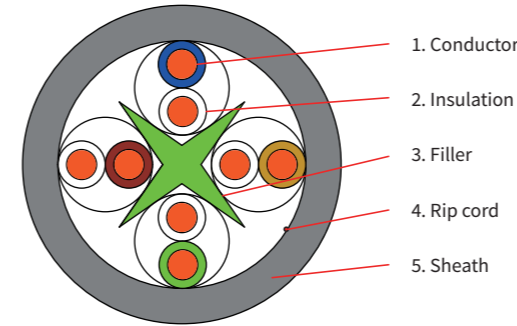
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	74	72	72	70	65
4	23.0	3.8	65	61	63	59	53
10	25.0	6.0	60	54	57	51	45
16	25.0	7.6	56	48	54	46	41
20	25.0	8.5	55	47	53	45	39
31.25	23.6	10.7	52	41	50	39	35
62.5	21.5	15.4	47	32	45	30	29
100	20.1	19.8	44	24	42	22	25
200	18.0	29.0	40	11	38	9	19
250	17.3	32.8	38	5	36	3	17

## CAT6 U/UTP

(23AWG BC+HDPE)\*2\*4+  
Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T, 10GBase-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 7.5Ω/100m (23AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-250MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz); 100±22Ω (100-250MHz)

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 23AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Filler:** Cross

**4. Rip Cord**

**5. Sheath:** PVC/PE/LSZH, colours according to customer requirements



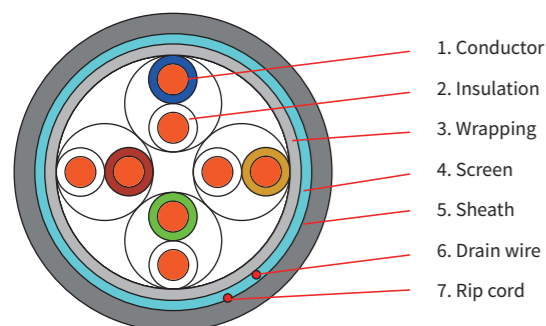
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	74	72	72	70	65
4	23.0	3.8	65	61	63	59	53
10	25.0	6.0	60	54	57	51	45
16	25.0	7.6	56	48	54	46	41
20	25.0	8.5	55	47	53	45	39
31.25	23.6	10.7	52	41	50	39	35
62.5	21.5	15.4	47	32	45	30	29
100	20.1	19.8	44	24	42	22	25
200	18.0	29.0	40	11	38	9	19
250	17.3	32.8	38	5	36	3	17

## CAT5E F/UTP

(24AWG BC+HDPE)\*2\*4+  
Aluminium Foil+Drain Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 9.5Ω/100m (24AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-100MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz);

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 24AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Wrapping:** PET tape

**4. Screen:** Al foil

**5. Sheath:** PVC/PE/LSZH, colours according to customer requirements

**6. Drain Wire:** Tinned copper

**7. Rip Cord**



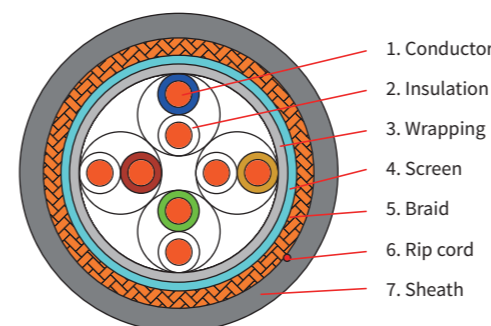
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	65	63	62	60	61
4	23.0	4.1	56	52	53	49	49
10	25.0	6.5	50	44	47	41	41
16	25.0	8.2	47	39	44	36	37
20	25.0	9.3	46	37	43	34	35
31.25	23.6	11.7	43	31	40	28	31
62.5	21.5	17.0	38	21	35	18	25
100	20.1	22.0	35	13	32	10	21

## CAT5E SF/UTP

(24AWG BC+HDPE)\*2\*4+AL/PET+  
Tinned Copper Braid+Braid Wire+Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155MbpsATM, 622MbpsATM, 1000Base-T

**Storage Temperature:** -5°C~+50°C

**Operating Temperature:** -20°C~+70°C

**Tensile Strength. Max:** 80N

**Minimum Bending Radius:** 10D. D is external cable diameter

**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA

**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)

**Maximum DC Resistance:** 9.5Ω/100m (24AWG)

**Maximum Resistance Unbalance:** 5%

**Maximum Mutual Capacitance:** 5.6nF/100m

**Working Frequency:** 1-100MHz

**Characteristic Impedance:** 100±15Ω (1-100MHz);

**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

**1. Conductor:** 24AWG, solid bare copper conductor

**2. Insulation:** HDPE

**Twisted Pair:**

White-Blue(Stripe)/Blue

White-Orange(Stripe)/Orange

White-Green(Stripe)/Green

White-Brown(Stripe)/Brown

**3. Wrapping:** PET tape

**4. Screen:** Al foil

**5. Braid:** Tinned copper

**6. Rip Cord**

**7. Sheath:** PVC/PE/LSZH, colours according to customer requirements



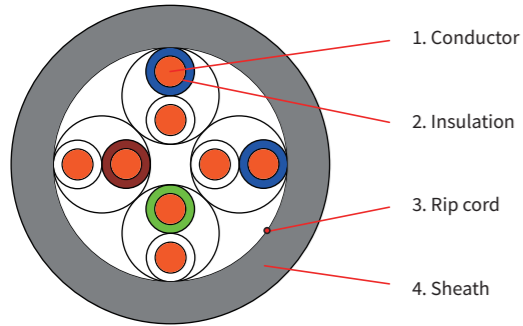
### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	65	63	62	60	61
4	23.0	4.1	56	52	53	49	49
10	25.0	6.5	50	44	47	41	41
16	25.0	8.2	47	39	44	36	37
20	25.0	9.3	46	37	43	34	35
31.25	23.6	11.7	43	31	40	28	31
62.5	21.5	17.0	38	21	35	18	25
100	20.1	22.0	35	13	32	10	21

## CAT5E U/UTP

(24AWG BC+HDPE)\*2\*4+  
Rip Cord

Standards: IEC 11801  
ANSI/TIA 568C  
EN 50173  
YD/T 1019



### Technical Data:

**Applications:** 10Base-T, 100Base-T4, 100Base-TX, 100Base-VG-ANYLAN, 155Mbps ATM, 622Mbps ATM, 1000Base-T.  
**Storage Temperature:** -5°C~+50°C  
**Operating Temperature:** -20°C~+70°C  
**Tensile Strength. Max:** 80N  
**Minimum Bending Radius:** 10D. D is external cable diameter  
**Voltage Rating:** 60V rms to meet the strict flame retardancy and environmental requirements in Europe and USA  
**Flame Retardancy:** UL 1581 (CM Jacket); UL 1666 (CMR Jacket); UL 910 (CMP Jacket); IEC 60332-1 (FR-PVC&LSZH Jacket); IEC 60332-1 and IEC 60332-3C (FR-PVC&LSZH Jacket); CPR E (PVC&LSZH Jacket); CPR D (LSZH Jacket)  
**Maximum DC Resistance:** 9.5Ω/100m (24AWG)  
**Maximum Resistance Unbalance:** 5%  
**Maximum Mutual Capacitance:** 5.6nF/100m  
**Working Frequency:** 1-100MHz  
**Characteristic Impedance:** 100±15Ω (1-100MHz);  
**Nominal Velocity of Propagation (NVP):** ≥65%

### Construction:

- 1. Conductor:** 24AWG, solid bare copper conductor
- 2. Insulation:** HDPE  
**Twisted Pair:**  
 White-Blue(Stripe)/Blue  
 White-Orange(Stripe)/Orange  
 White-Green(Stripe)/Green  
 White-Brown(Stripe)/Brown
- 3. Rip Cord**
- 4. Sheath:** PVC/PE/LSZH, colours according to customer requirements



### Specification Parameters:

FREQ (MHz)	RL (dB/100m)	IL (dB/100m)	NEXT (dB/100m)	ACR (dB/100m)	PSNEXT (dB/100m)	PSACR (dB/100m)	PS ELFEXT (dB/100m)
1	20.0	2.0	65	63	62	60	61
4	23.0	4.1	56	52	53	49	49
10	25.0	6.5	50	44	47	41	41
16	25.0	8.2	47	39	44	36	37
20	25.0	9.3	46	37	43	34	35
31.25	23.6	11.7	43	31	40	28	31
62.5	21.5	17.0	38	21	35	18	25
100	20.1	22.0	35	13	32	10	21

## CAT6A UTP/FTP

Keystone Jack

### Product Description:

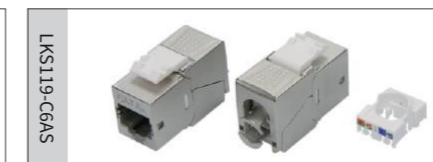
CAT6A Keystone Jack surpassed all AT6A performance requirements and complies with 10 Gigabit Ethernet application system suitable for connection between FD to the outlet of the work area, providing up to 550MHz available bandwidth.

### Technical Characteristics:

Unique exterior design, simple, compact.  
 Comply with ergonomic principle and with termination-free design.  
 Unique PCB circuit board design reduces EMI/RFI interference, low alien nation loss and high return loss.  
 Overall Zinc Alloy Shielding design meets the industry standards.  
 Meet the requirements of both T568A/T568B with clear colour labels.  
 Solid and corrosion phosphor bronze IDC enables over 250 terminations.  
 Accept 23 AWG wires, phosphor bronze contact with MAX 50μ gold plate, with a durability of 1500 matching recycles.  
 Easy installation with clear coloured labels on termination cap.  
 Termination caps prevent wire from dropping off.  
 With backward compatibility of CAT6 and lower classes.



CAT6A Unshielded Keystone Jacks



CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks



CAT6A Unshielded Keystone Jacks (90 Degree Toolless)

## CAT6A UTP/FTP

Keystone Jack



CAT6A Shielded Keystone Jacks  
(180 Degree Toolless)



CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks



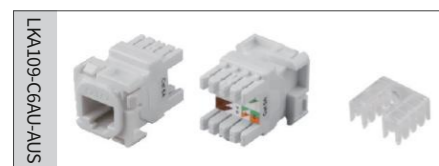
CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks



CAT6A Shielded Keystone Jacks  
(180 Degree Black)



CAT6A Shielded Keystone Jacks  
(180 Degree)

### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LKS116-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS119-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS111-C6AS	CAT6A Unshielded Keystone Jacks (90 Degree)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS110-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS109-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS117-C6AS	CAT6A Unshielded Keystone Jacks (90 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS118-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS118-C6AS	CAT6A Unshielded Keystone Jacks	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKP116-C6AS	CAT6A Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKC110-C6AU	CAT6A Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C6AU	CAT6A Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA111-C6AU-A	CAT6A Unshielded Keystone Jacks (180 Degree Black)	Black	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C6AU-AUS	CAT6A Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg

## CAT6 UTP/FTP

Keystone Jack

### Product Description:

CAT6 Keystone Jack surpassed all CAT6 performance requirements and complies with Gigabit Ethernet application system, suitable for connection between FD to the outlet of the work area, providing up to 350MHZ available bandwidth.

### Technical Characteristics:

Unique exterior design, simple, compact.

Comply with ergonomic principle and with termination-free design.

Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss.

Overall Zinc Alloy Shielding design meets the industry standards.

Meet the requirements of both T568A/T568B with clear colour labels.

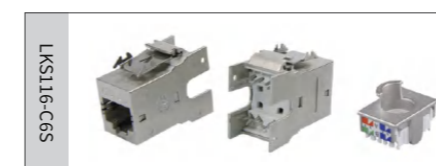
Solid and corrosion phosphor bronze IDC enables over 250 terminations.

Accept 23 AWG wires, phosphor bronze contact with MAX 50µ gold plate, with a durability of 1500 matching recycles.

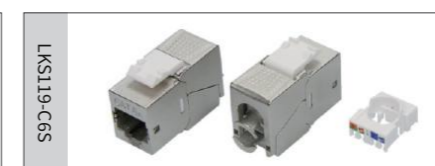
Easy installation with clear coloured labels on termination cap.

Termination caps prevent wire from dropping off.

With backward compatibility of CAT5E and lower classes.



CAT6 Unshielded Keystone Jacks



CAT6 Shielded Keystone Jacks



CAT6 Shielded Keystone Jacks



CAT6 Shielded Keystone Jacks



CAT6 Shielded Keystone Jacks



CAT6 Unshielded Keystone Jacks  
(90 Degree Toolless)



CAT6 Shielded Keystone Jacks



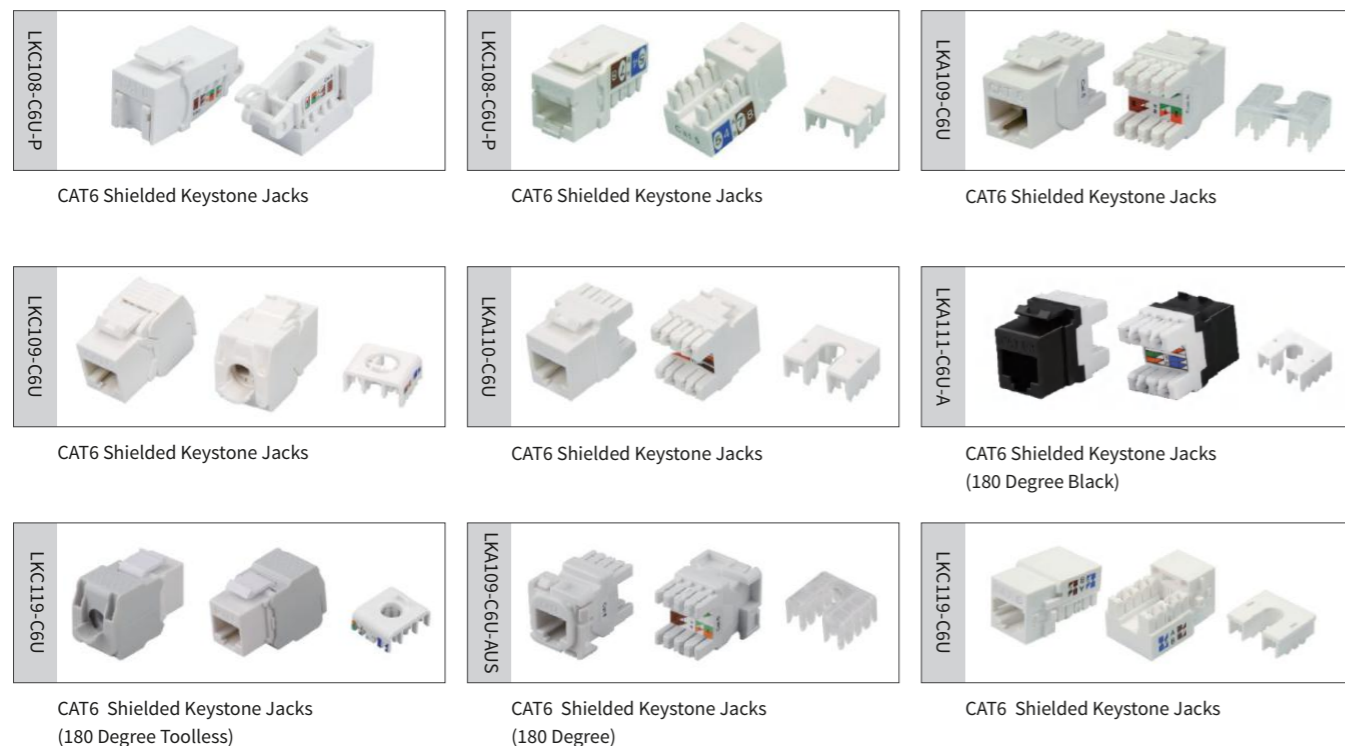
CAT6 Shielded Keystone Jacks



CAT6 Shielded Keystone Jacks

## CAT6 UTP/FTP

Keystone Jack



### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LKS116-C6S	CAT6 Unshielded Keystone Jacks (180 Degree)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS119-C6S	CAT6 Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS111-C6S	CAT6 Unshielded Keystone Jacks (90 Degree)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS110-C6S	CAT6 Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS109-C6S	CAT6 Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS117-C6U	CAT6 Unshielded Keystone Jacks (90 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKB106-C6U	CAT6 Unshielded Keystone Jacks (90 Degree)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB108-C6U	CAT6 Unshielded Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB106-C6U-P	CAT6 Unshielded Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKC108-C6U-P	CAT6 Unshielded Keystone Jacks (90 Degree Dustproof Toolless)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB108-C6U-P	CAT6 Unshielded Keystone Jacks (90 Degree Dustproof)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C6U	CAT6 Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKC109-C6U	CAT6 Unshielded Keystone Jacks (180 Degree Toolless)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA110-C6U	CAT6 Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA111-C6U-A	CAT6 Unshielded Keystone Jacks (180 Degree Black)	Black	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKC119-C6U	CAT6 Unshielded Keystone Jacks (180 Degree Toolless)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C6U-AUS	CAT6 Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKD106-C6U	CAT6 Unshielded Keystone Jacks	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg

## CAT5 UTP/FTP

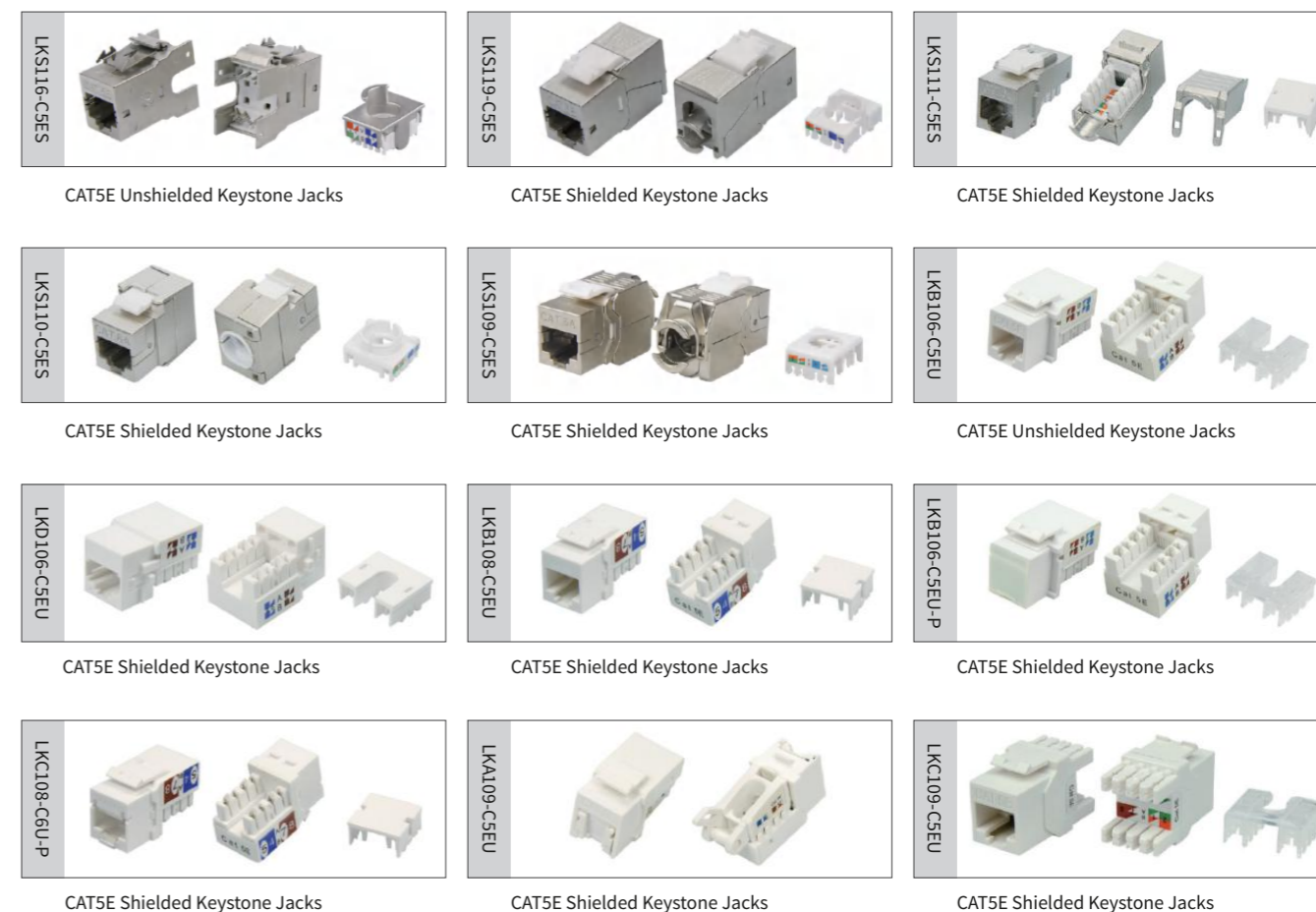
Keystone Jack

### Product Description:

DOPPLER CAT5E keystone jack surpassed all CAT5E performance requirements and complies with Fast Ethernet application system, suitable for connection between FD to the outlet of the work area, providing up to 250MHz 250MHz available bandwidth.

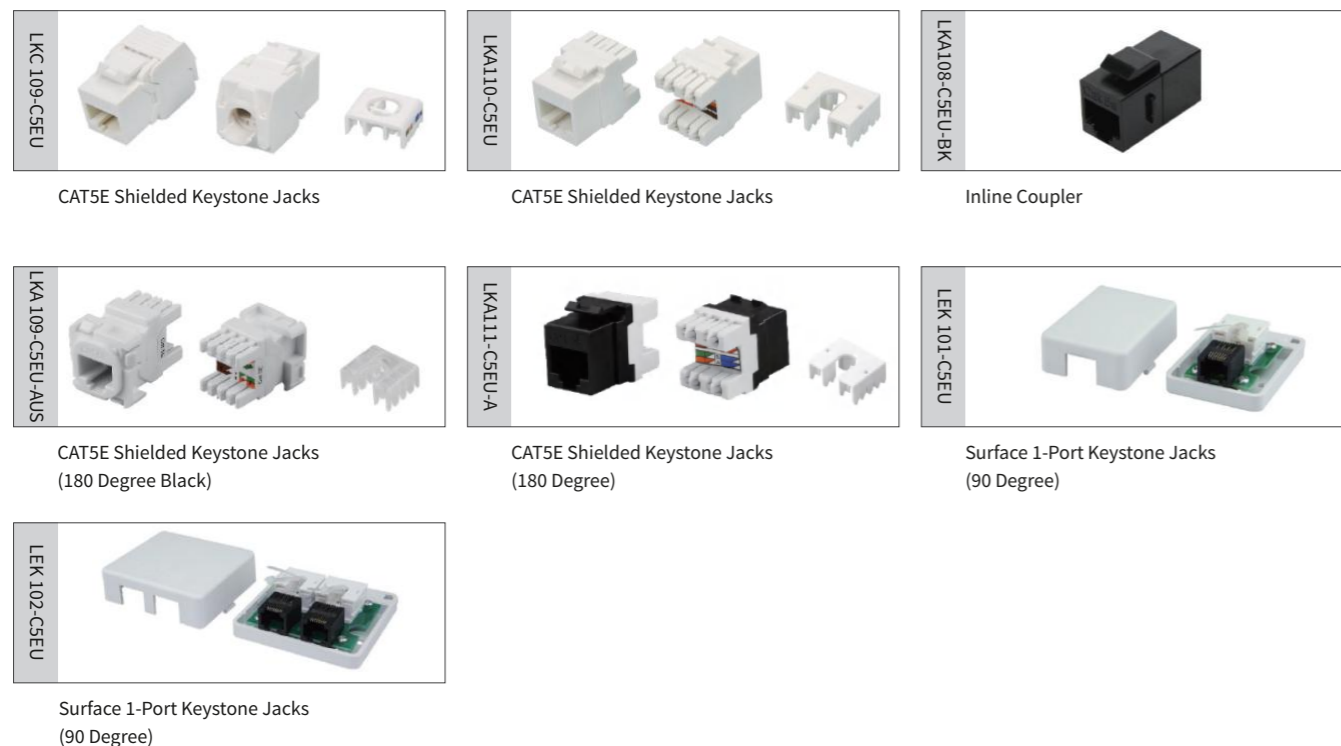
### Technical Characteristics:

Unique exterior design, simple, compact.  
 Comply with ergonomic principle and with termination-free design.  
 Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss.  
 Overall Zinc Alloy Shielding design meets the industry standards.  
 Meet the requirements of both T568A/T568B with clear colour labels.  
 Solid and corrosion phosphor bronze IDC enables over 250 terminations.  
 Accept 24 AWG wires, phosphor bronze contact with MAX 50μ gold plate, with a durability of 1500 matching recycles.  
 Easy installation with clear coloured labels on termination cap.  
 Termination caps prevent wire from dropping off.  
 With backward compatibility of CAT5 and lower classes.



## CAT5E UTP/FTP

Keystone Jack



### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LKS116-C5ES	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS119-C5ES	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS111-C5ES	CAT5E Unshielded Keystone Jacks (90 Degree)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS110-C5ES	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKS109-C5ES	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	Silver	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	7.60kg
LKB106-C5EU	CAT5E Unshielded Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKD106-C5EU	CAT5E Unshielded Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB108-C5EU	CAT5E Unshielded Keystone Jacks (90 Degree Dustproof)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB106-C5EU-P	CAT5E Unshielded Keystone Jacks (90 Degree Dustproof)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKB108-C5EU-P	CAT5E Unshielded Keystone Jacks (90 Degree Dustproof Toollessf)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C5EU	CAT5E Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKC109-C5EU	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA110-C5EU	CAT5E Unshielded Keystone Jacks (180 Degree Toolless)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA108-C5EU-BK	Inline Coupler	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA109-C5EU-AUS	CAT5E Unshielded Keystone Jacks (180 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKA111-C5EU-A	CAT5E Unshielded Keystone Jacks (180 Degree Black)	Black	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKE101-C5EU	Surface 1-port Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKE102-C5EU	Surface 1-port Keystone Jacks (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg

## Voice UTP

Keystone Jack

### Product Description:

This insert works great to add a telecommunication connection into any room of the house office, it features dual colour-coded wiring labels with both T568A and T568B wiring pattern. A rear termination field for easy termination of a jack while installed in a wall plate, surface, mount boxes and blank patch panels for a wide variety of applications.

### Technical Characteristics:

Available in telecommunication, T568 A/B wiring, meet or exceed TIA/EIA voice requirements.

Housing high temperature thermoplastic.

Compact jack design, 6 positions and 6 conductors.

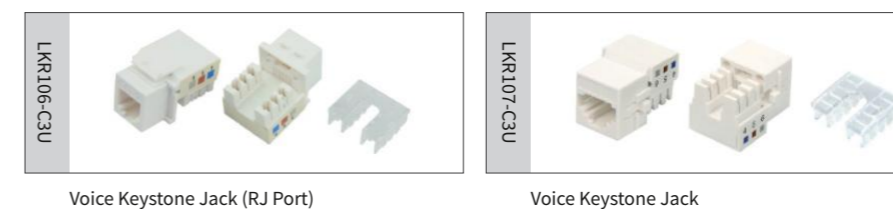
Contact; phosphor bronze, phosphor bronze with MAX 50μ gold plate.

Accept 22-24 AWG solid with a insulation diameter of 0.4-0.6mm.

Easy to be terminated, low attenuation loss and high return loss.

High reliability and superior performance.

Available in different colours.



### Specification Parameter:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LKR106-C3U	Voice Keystone Jack (RJ Port) (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LKR107-C3U	Voice Keystone Jack (90 Degree)	White	25PCS	250PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg

## CAT6A UTP/FTP

Patch Cord

### Product Description:

This specification is provided by Hengtong as the technical part of contract, the design, quotation, manufacture & test of cables are based on this specification. The technical details of installation and operation are provided for customer information.



### Product Classification:

Product Type: Twisted Pair Patch Cord

### Dimensions:

Cord Length: 1m, 2m, 3m, 5m

### Electrical Specifications:

ANSI/TIA Category 6A

### Environmental Specifications:

Operating Temperature -20°C to +60°C (-4°F to +140°F)

### Regulatory Compliance/Certifications:

RoHS 2011/65/EU: Compliant

### Mechanical Specifications:

Jacket Colour: Grey  
Pairs: 4

Part Number	Description	Length/m	Classification	Part Number	Description	Length/m	Classification
HT121. 1121-1Grey	CAT6A-PVC GREY 1m	1	Solid	HT121. 2121-2Grey	CAT6A-LSZH GREY 2m	2	Solid
HT121. 1121-2Grey	CAT6A-PVC GREY 2m	2	Solid	HT121. 2121-3Grey	CAT6A-LSZH GREY 3m	3	Solid
HT121. 1121-3Grey	CAT6A-PVC GREY 3m	3	Solid	HT121. 2121-5Grey	CAT6A-LSZH GREY 5m	5	Solid
HT121. 1121-5Grey	CAT6A-PVC GREY 5m	5	Solid	HT121. 2122-1Grey	CAT6A-LSZH GREY 1m	1	Stranded
HT121. 1122-1Grey	CAT6A-PVC GREY 1m	1	Stranded	HT121. 2122-2Grey	CAT6A-LSZH GREY 2m	2	Stranded
HT121. 1122-2Grey	CAT6A-PVC GREY 2m	2	Stranded	HT121. 2122-3Grey	CAT6A-LSZH GREY 3m	3	Stranded
HT121. 1122-3Grey	CAT6A-PVC GREY 3m	3	Stranded	HT121. 2122-5Grey	CAT6A-LSZH GREY 5m	5	Stranded
HT121. 1122-5Grey	CAT6A-PVC GREY 5m	5	Stranded	HT121. 2221-1Grey	CAT6A-FTP LSZH GREY 1m	1	Solid
HT121. 1221-1Grey	CAT6A-FTP PVC GREY 1m	1	Solid	HT121. 2221-2Grey	CAT6A-FTP LSZH GREY 2m	2	Solid
HT121. 1221-2Grey	CAT6A-FTP PVC GREY 2m	2	Solid	HT121. 2221-3Grey	CAT6A-FTP LSZH GREY 3m	3	Solid
HT121. 1221-3Grey	CAT6A-FTP PVC GREY 3m	3	Solid	HT121. 2221-5Grey	CAT6A-FTP LSZH GREY 5m	5	Solid
HT121. 1221-5Grey	CAT6A-FTP PVC GREY 5m	5	Solid	HT121. 2222-1Grey	CAT6A-FTP LSZH GREY 1m	1	Stranded
HT121. 1222-1Grey	CAT6A-FTP PVC GREY 1m	1	Stranded	HT121. 2222-2Grey	CAT6A-FTP LSZH GREY 2m	2	Stranded
HT121. 1222-2Grey	CAT6A-FTP PVC GREY 2m	2	Stranded	HT121. 2222-3Grey	CAT6A-FTP LSZH GREY 3m	3	Stranded
HT121. 1222-3Grey	CAT6A-FTP PVC GREY 3m	3	Stranded	HT121. 2222-5Grey	CAT6A-FTP LSZH GREY 5m	5	Stranded
HT121. 1222-5Grey	CAT6A-FTP PVC GREY 5m	5	Stranded	HT121. 2321-1Grey	CAT6A-SF/UTP LSZH GREY 1m	1	Solid
HT121. 1321-1Grey	CAT6A-SF/UTP PVC GREY 1m	1	Solid	HT121. 2321-2Grey	CAT6A-SF/UTP LSZH GREY 2m	2	Solid
HT121. 1321-2Grey	CAT6A-SF/UTP PVC GREY 2m	2	Solid	HT121. 2321-3Grey	CAT6A-SF/UTP LSZH GREY 3m	3	Solid
HT121. 1321-3Grey	CAT6A-SF/UTP PVC GREY 3m	3	Solid	HT121. 2321-5Grey	CAT6A-SF/UTP LSZH GREY 5m	5	Solid
HT121. 1322-1Grey	CAT6A-SF/UTP PVC GREY 1m	1	Stranded	HT121. 2322-1Grey	CAT6A-SF/UTP LSZH GREY 1m	1	Stranded
HT121. 1322-2Grey	CAT6A-SF/UTP PVC GREY 2m	2	Stranded	HT121. 2322-2Grey	CAT6A-SF/UTP LSZH GREY 2m	2	Stranded
HT121. 1322-3Grey	CAT6A-SF/UTP PVC GREY 3m	3	Stranded	HT121. 2322-3Grey	CAT6A-SF/UTP LSZH GREY 3m	3	Stranded
HT121. 1421-1Grey	CAT6A-S/FTP PVC GREY 1m	1	Solid	HT121. 2322-5Grey	CAT6A-S/FTP LSZH GREY 5m	5	Stranded
HT121. 1421-2Grey	CAT6A-S/FTP PVC GREY 2m	2	Solid	HT121. 2421-1Grey	CAT6A-S/FTP LSZH GREY 1m	1	Solid
HT121. 1421-3Grey	CAT6A-S/FTP PVC GREY 3m	3	Solid	HT121. 2421-2Grey	CAT6A-S/FTP LSZH GREY 2m	2	Solid
HT121. 1421-5Grey	CAT6A-S/FTP PVC GREY 5m	5	Solid	HT121. 2421-3Grey	CAT6A-S/FTP LSZH GREY 3m	3	Solid
HT121. 1422-1Grey	CAT6A-S/FTP PVC GREY 1m	1	Stranded	HT121. 2421-5Grey	CAT6A-S/FTP LSZH GREY 5m	5	Solid
HT121. 1422-2Grey	CAT6A-S/FTP PVC GREY 2m	2	Stranded	HT121. 2422-1Grey	CAT6A-S/FTP LSZH GREY 1m	1	Stranded
HT121. 1422-3Grey	CAT6A-S/FTP PVC GREY 3m	3	Stranded	HT121. 2422-2Grey	CAT6A-S/FTP LSZH GREY 2m	2	Stranded
HT121. 1422-5Grey	CAT6A-S/FTP PVC GREY 5m	5	Stranded	HT121. 2422-3Grey	CAT6A-S/FTP LSZH GREY 3m	3	Stranded
HT121. 2121-1Grey	CAT6A-LSZH GREY 1m	1	Solid	HT121. 2422-5Grey	CAT6A-S/FTP LSZH GREY 5m	5	Stranded

## CAT6 UTP/FTP

Patch Cord

### Product Description:

This specification is provided by Hengtong as the technical part of contract, the design, quotation, manufacture & test of cables are based on this specification. The technical details of installation and operation are provided for customer information.



### Product Classification:

Product Type: Twisted Pair Patch Cord

### Dimensions:

Cord Length: 1m, 2m, 3m, 5m

### Electrical Specifications:

ANSI/TIA Category 6

### Environmental Specifications:

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

### Regulatory Compliance/Certifications:

RoHS 2011/65/EU: Compliant

### Mechanical Specifications:

Jacket Colour: Grey  
Pairs: 4

Part Number	Description	Length/m	Classification	Part Number	Description	Length/m	Classification
HT121. 1131-1Grey	CAT6-PVC GREY 1m	1	Solid	HT121. 2131-1Grey	CAT6-LSZH GREY 1m	1	Solid
HT121. 1131-2Grey	CAT6-PVC GREY 2m	2	Solid	HT121. 2131-2Grey	CAT6-LSZH GREY 2m	2	Solid
HT121. 1131-3Grey	CAT6-PVC GREY 3m	3	Solid	HT121. 2131-3Grey	CAT6-LSZH GREY 3m	3	Solid
HT121. 1131-5Grey	CAT6-PVC GREY 5m	5	Solid	HT121. 2131-5Grey	CAT6-LSZH GREY 5m	5	Solid
HT121. 1132-1Grey	CAT6-PVC GREY 1m	1	Stranded	HT121. 2132-1Grey	CAT6-LSZH GREY 1m	1	Stranded
HT121. 1132-2Grey	CAT6-PVC GREY 2m	2	Stranded	HT121. 2132-2Grey	CAT6-LSZH GREY 2m	2	Stranded
HT121. 1132-3Grey	CAT6-PVC GREY 3m	3	Stranded	HT121. 2132-3Grey	CAT6-LSZH GREY 3m	3	Stranded
HT121. 1132-5Grey	CAT6-PVC GREY 5m	5	Stranded	HT121. 2132-5Grey	CAT6-LSZH GREY 5m	5	Stranded
HT121. 1231-1Grey	CAT6-FTP PVC GREY 1m	1	Solid	HT121. 2231-1Grey	CAT6-FTP LSZH GREY 1m	1	Solid
HT121. 1231-2Grey	CAT6-FTP PVC GREY 2m	2	Solid	HT121. 2231-2Grey	CAT6-FTP LSZH GREY 2m	2	Solid
HT121. 1231-3Grey	CAT6-FTP PVC GREY 3m	3	Solid	HT121. 2231-3Grey	CAT6-FTP LSZH GREY 3m	3	Solid
HT121. 1231-5Grey	CAT6-FTP PVC GREY 5m	5	Solid	HT121. 2231-5Grey	CAT6-FTP LSZH GREY 5m	5	Solid
HT121. 1232-1Grey	CAT6-FTP PVC GREY 1m	1	Stranded	HT121. 2232-1Grey	CAT6-FTP LSZH GREY 1m	1	Stranded
HT121. 1232-2Grey	CAT6-FTP PVC GREY 2m	2	Stranded	HT121. 2232-2Grey	CAT6-FTP LSZH GREY 2m	2	Stranded
HT121. 1232-3Grey	CAT6-FTP PVC GREY 3m	3	Stranded	HT121. 2232-3Grey	CAT6-FTP LSZH GREY 3m	3	Stranded
HT121. 1232-5Grey	CAT6-FTP PVC GREY 5m	5	Stranded	HT121. 2232-5Grey	CAT6-FTP LSZH GREY 5m	5	Stranded
HT121. 1331-1Grey	CAT6-SF/UTP PVC GREY 1m	1	Solid	HT121. 2331-1Grey	CAT6-SF/UTP LSZH GREY 1m	1	Solid
HT121. 1331-2Grey	CAT6-SF/UTP PVC GREY 2m	2	Solid	HT121. 2331-2Grey	CAT6-SF/UTP LSZH GREY 2m	2	Solid
HT121. 1331-3Grey	CAT6-SF/UTP PVC GREY 3m	3	Solid	HT121. 2331-3Grey	CAT6-SF/UTP LSZH GREY 3m	3	Solid
HT121. 1331-5Grey	CAT6-SF/UTP PVC GREY 5m	5	Solid	HT121. 2331-5Grey	CAT6-SF/UTP LSZH GREY 5m	5	Solid
HT121. 1332-1Grey	CAT6-SF/UTP PVC GREY 1m	1	Stranded	HT121. 2332-1Grey	CAT6-SF/UTP LSZH GREY 1m	1	Stranded
HT121. 1332-2Grey	CAT6-SF/UTP PVC GREY 2m	2	Stranded	HT121. 2332-2Grey	CAT6-SF/UTP LSZH GREY 2m	2	Stranded
HT121. 1332-3Grey	CAT6-SF/UTP PVC GREY 3m	3	Stranded	HT121. 2332-3Grey	CAT6-SF/UTP LSZH GREY 3m	3	Stranded
HT121. 1332-5Grey	CAT6-SF/UTP PVC GREY 5m	5	Stranded	HT121. 2332-5Grey	CAT6-SF/UTP LSZH GREY 5m	5	Stranded

## CAT5E UTP/FTP

Patch Cord

### Product Description:

This specification is provided by Hengtong as the technical part of contract, the design, quotation, manufacture & test of cables are based on this specification. The technical details of installation and operation are provided for customer information.



### Product Classification:

Product Type: Twisted Pair Patch Cord

### Dimensions:

Cord Length: 1m, 2m, 3m, 5m

### Electrical Specifications:

ANSI/TIA Category 6A

### Environmental Specifications:

Operating Temperature -20°C to +60°C (-4°F to +140°F)

### Regulatory Compliance/Certifications:

RoHS 2011/65/EU: Compliant

### Mechanical Specifications:

Jacket Colour: Grey  
Pairs: 4

Part Number	Description	Length/m	Classification
HT121. 1101-1Grey	CAT5E-PVC GREY 1m	1	Solid
HT121. 1101-2Grey	CAT5E-PVC GREY 2m	2	Solid
HT121. 1101-3Grey	CAT5E-PVC GREY 3m	3	Solid
HT121. 1101-5Grey	CAT5E-PVC GREY 5m	5	Solid
HT121. 1102-1Grey	CAT5E-PVC GREY 1m	1	Stranded
HT121. 1102-2Grey	CAT5E-PVC GREY 2m	2	Stranded
HT121. 1102-3Grey	CAT5E-PVC GREY 3m	3	Stranded
HT121. 1102-5Grey	CAT5E-PVC GREY 5m	5	Stranded
HT121. 1201-1Grey	CAT5E-FTP PVC GREY 1m	1	Solid
HT121. 1201-2Grey	CAT5E-FTP PVC GREY 2m	2	Solid
HT121. 1201-3Grey	CAT5E-FTP PVC GREY 3m	3	Solid
HT121. 1201-5Grey	CAT5E-FTP PVC GREY 5m	5	Solid
HT121. 1202-1Grey	CAT5E-FTP PVC GREY 1m	1	Stranded
HT121. 1202-2Grey	CAT5E-FTP PVC GREY 2m	2	Stranded
HT121. 1202-3Grey	CAT5E-FTP PVC GREY 3m	3	Stranded
HT121. 1202-5Grey	CAT5E-FTP PVC GREY 5m	5	Stranded
HT121. 2101-1Grey	CAT5E-LSZH GREY 1m	1	Solid
HT121. 2101-2Grey	CAT5E-LSZH GREY 2m	2	Solid
HT121. 2101-3Grey	CAT5E-LSZH GREY 3m	3	Solid
HT121. 2101-5Grey	CAT5E-LSZH GREY 5m	5	Solid
HT121. 2102-1Grey	CAT5E-LSZH GREY 1m	1	Stranded
HT121. 2102-2Grey	CAT5E-LSZH GREY 2m	2	Stranded
HT121. 2102-3Grey	CAT5E-LSZH GREY 3m	3	Stranded
HT121. 2102-5Grey	CAT5E-LSZH GREY 5m	5	Stranded
HT121. 2201-1Grey	CAT5E-FTP LSZH GREY 1m	1	Solid
HT121. 2201-2Grey	CAT5E-FTP LSZH GREY 2m	2	Solid
HT121. 2201-3Grey	CAT5E-FTP LSZH GREY 3m	3	Solid
HT121. 2201-5Grey	CAT5E-FTP LSZH GREY 5m	5	Solid
HT121. 2202-1Grey	CAT5E-FTP LSZH GREY 1m	1	Stranded
HT121. 2202-2Grey	CAT5E-FTP LSZH GREY 2m	2	Stranded
HT121. 2202-3Grey	CAT5E-FTP LSZH GREY 3m	3	Stranded
HT121. 2202-5Grey	CAT5E-FTP LSZH GREY 5m	5	Stranded

## CAT6A UTP/FTP

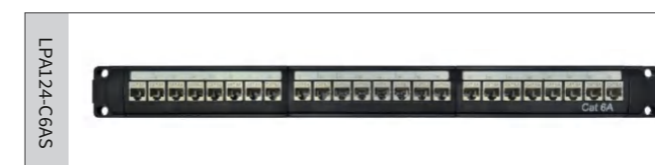
Patch Panel

### Product Description:

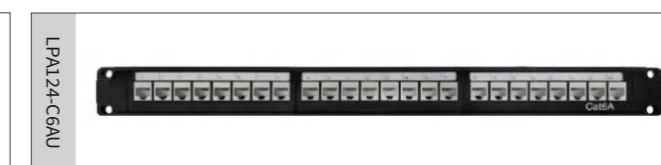
With toolless modular design CAT6A 24-port patch panel matches and exceeds CAT6A 500MHZ connecting hardware specifications, suitable for interaction and termination of horizontal cabling between devices, equipment and centralized points.

### Technical Characteristics:

Unique exterior design, simple, compact.  
 Unique PCB circuit board design reduces EMI/RFI interference. Low attenuation loss and high return loss.  
 High strength die-casted Zinc Alloy Shielding design meets the industry shielding standards.  
 Solid and corrosion phosphor bronze DC ensures over 250 terminations.  
 Termination caps prevent wire from dropping off.  
 With backward compatibility of CAT6 and lower classes.  
 With MAX 50µ gold plate, durability is 1500 matching recycles.  
 Solid and easy installation design saves installation and operation costs.  
 Comply with ergonomic principle and termination-free design.  
 Be compatible with 19-inch equipment racks, cabinets, and wall mount shelf.  
 All ports are clearly labeled, especially the large label in the front are helpful for ports identification.



CAT6A Unshielded Keystone Jacks



CAT6A Unshielded Keystone Jacks

### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LPA124-C6AU	CAT6A FTP 24 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	17.00kg
LPA124-C6AS	CAT6A UTP 24 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg



## CAT6 UTP/FTP

Patch Panel

### Product Description:

CAT6 24-port patch panel matches and exceeds CAT6 350MHZ connecting hardware specifications and complies with Gigabit Ethernet applications, suitable for interaction and termination of horizontal cabling between devices, equipment and centralised points.

### Technical Characteristics:

Unique exterior design, simple, compact.

Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss.

High strength die-casted Zinc Alloy Shielding design meets the industry shielding standards.

Solid and corrosion phosphor bronze DC ensures over 250 terminations.

Termination caps prevent wire from dropping off.

With backward compatibility of CAT5E and lower classes.

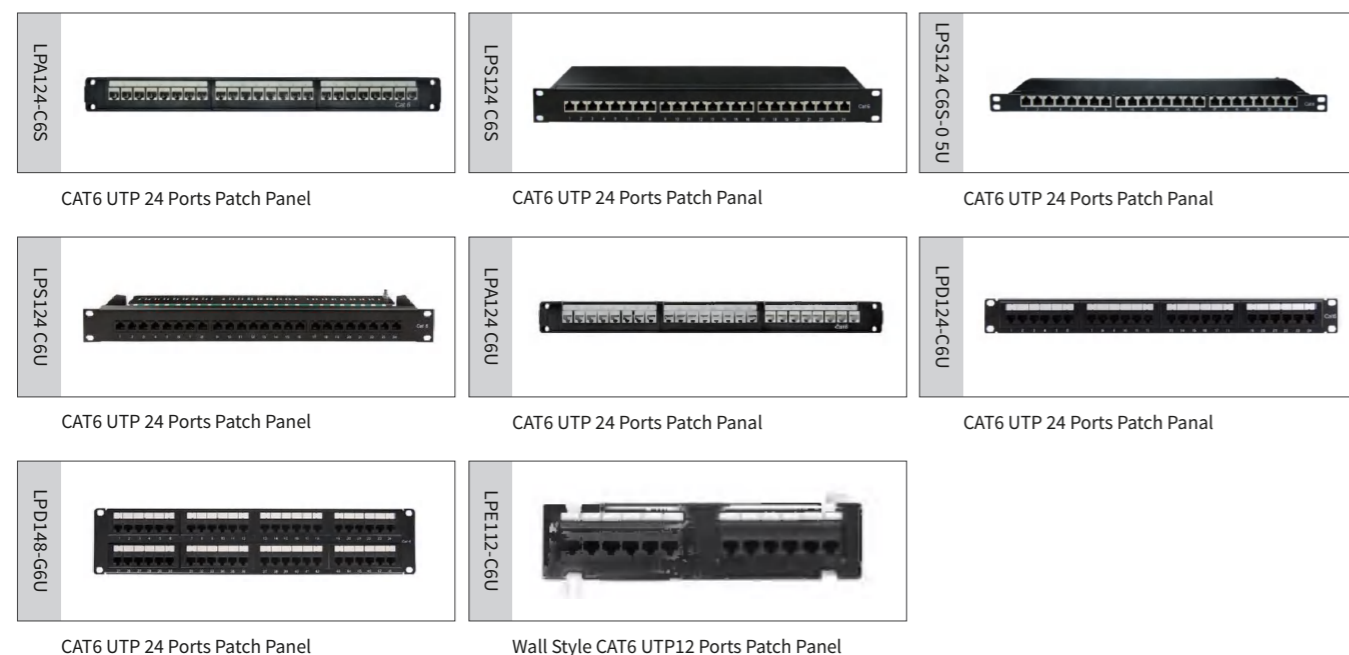
With MAX 50μ gold plate, durability is 1500 matching recycles.

Solid and easy installation design saves installation and operation costs.

Comply with ergonomic principle and termination-free design.

Be compatible with 19-inch equipment racks, cabinets, and wall mount shelf.

All ports are clearly labeled, especially the large label in the front are helpful for ports identification.



### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LPA124-C6S	CAT6 FTP 24 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	17.00kg
LPS124 C6S	CAT6 Cat6 FTP 24 Ports Patch Panel (90 Degree)	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg
LPS124 C6S-0 5U	CAT6 FTP 24 Ports Patch Panel (90 Degree)	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	8.60kg
LPS124 C6U	CAT6 FTP 24 Ports Patch Panel (90 Degree)	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg
LPA124 C6U	CAT6 FTP 24 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg
LPD124-C6U	CAT6 FTP 24 Ports Patch Panel (180 Degree)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	8.20kg
LPD148-G6U	CAT6 FTP 24 Ports Patch Panel (180 Degree)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	16.40kg
LPE112-C6U	Wall Style CAT6 UTP 12 Ports Patch Panel	Black	1PCS	20PCS	L53.5cm×W31.3cm×H23.4cm	4.10kg

## CAT5E UTP/FTP

Patch Panel

### Product Description:

CAT5E FTP 24-port patch panel matches and exceeds CAT5E 250MHZ connecting hardware specifications, suitable for interaction and termination of horizontal cabling between devices, equipment and centralized points.

### Technical Characteristics:

Unique exterior design, simple, compact.

Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss.

High strength die-casted Zinc Alloy Shielding design meets the industry shielding standards.

Solid and corrosion phosphor bronze DC ensures over 250 terminations.

Termination caps prevent wire from dropping off.

With backward compatibility of CAT5 and lower classes.

With MAX 50μ gold plate, durability is 1500 matching recycles.

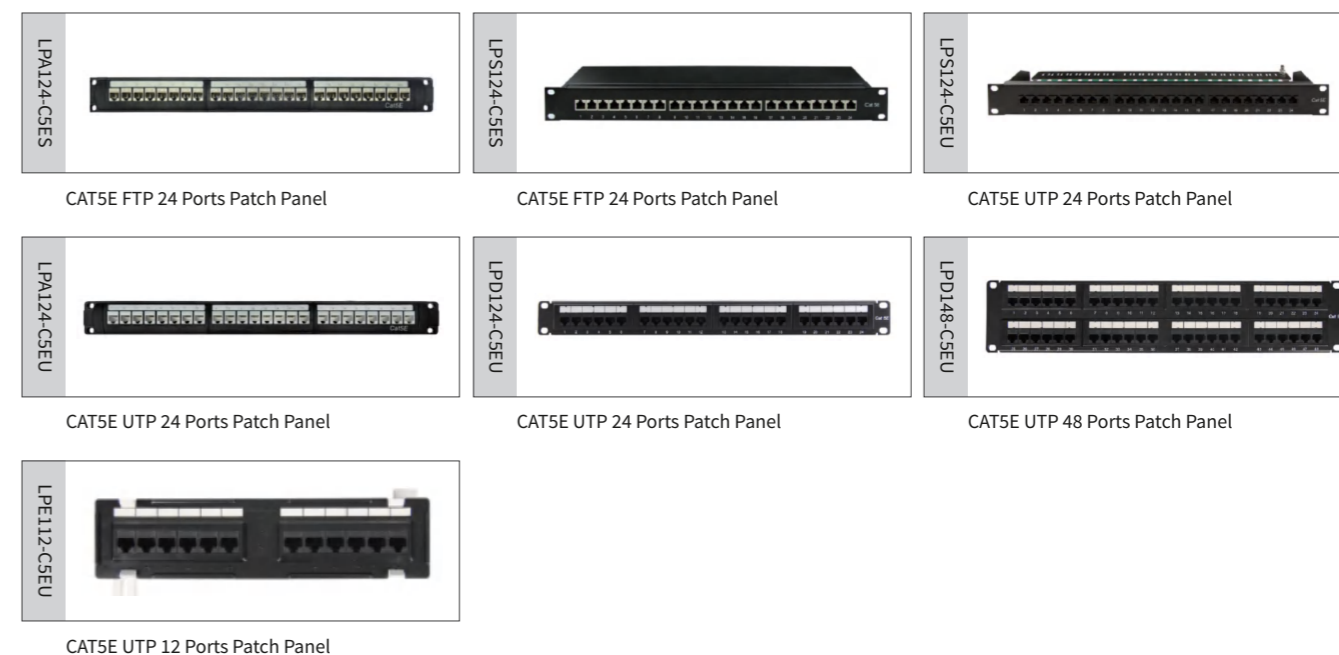
Solid and easy installation design saves installation and operation costs.

Comply with ergonomic principle and termination-free design.

Be compatible with 19-inch equipment racks, cabinets and wall mount shelf.

All ports are clearly labeled, especially the large label in the front are helpful for ports identification.

With cable management in the rear for effective guidance of cables and termination points.



### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LPA124-C5ES	CAT5E FTP 24 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	17.00kg
LPS124-C5ES	CAT5E FTP 24 Ports Patch Panel(90 Degree)	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg
LPS124- C5EU	CAT5E UTP 24 Ports Patch Panel(90 Degree)	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	8.60kg
LPA124- C5EU	CAT5E UTP 24 Ports Patch Panel	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.00kg
LPD124- C5EU	CAT5E UTP 24 Ports Patch Panel(180 Degree)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	19.00kg
LPD148- C5EU	CAT5E UTP 48 Ports Patch Panel(180 Degree)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	16.40kg
LPE112- C5EU	CAT5E UTP 12 Ports Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	4.10kg

## Empty Panel

### Product Description:

With toolless modular design, empty 24-port patch panel matches the installation of different kinds of modular jacks, complies with Gigabit Ethernet applications, suitable for interaction and termination of horizontal cabling between devices. Equipment and centralised points, fit for 19" equipment racks and cabinets.

### Technical Characteristics:

Unique exterior design, simple, compact.

Unique PCB circuit board design reduces EMI/RFI interference, low attenuation loss and high return loss.

High strength die-casted Zinc Alloy Shielding design meets the industry shielding standards.

Solid and corrosion phosphor bronze DC ensures over 250 terminations.

Termination caps prevent wire from dropping off.

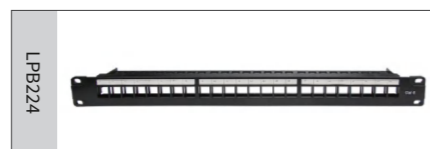
Solid and easy installation design saves installation and operation costs.

Comply with ergonomic principle and termination-free design.

Be compatible with 19-inch equipment racks, cabinet, and wall mount shelf.



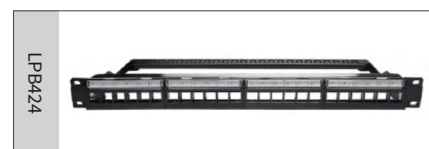
24 Ports Empty Patch Panel



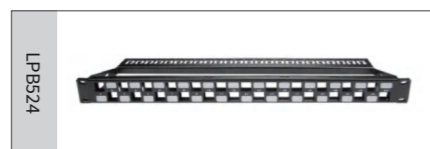
24 Ports UTP Empty Patch Panel



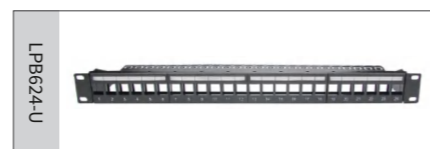
24 Ports Empty Patch Panel (Removable & Angled)



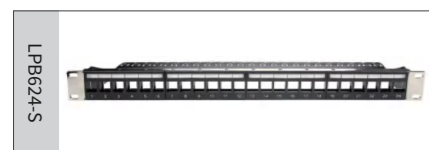
CAT5E UTP 24 Ports Patch Panel



24 Ports Empty Patch Panel (Removable)



24 Ports FTP Empty Patch Panel



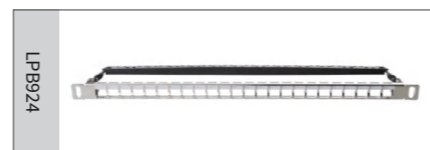
24 Ports UTP Empty Patch Panel



24 Ports FTP Empty Patch Panel



24 Ports Empty Patch Panel(Steel)



24 Ports UTP Empty Patch Panel

### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LPB124	24 Ports Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB224	24 Ports UTP Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB324	24 Ports Empty Patch Panel	Black	1PCS	8PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB424	24 Ports Empty Patch Panel(Removable)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB524	24 Ports FTP Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB624-U	24 Ports FTP Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB624-S	24 Ports FTP Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB724	24 Ports Empty Patch Panel(Steel)	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB824	24 Ports UTP Empty Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg
LPB924	0.5u 24 Ports Empty Patch Panel	Black	1PCS	25PCS	L53.5cm×W31.3cm×H23.4cm	7.80kg

## Voice Patch Panel

### Product Description:

Voice patch panels are the perfect solutions for bringing voice to your cable rack , pre-configured in 25 and 50 port densities and designed specially for voice grade application.

### Technical Characteristics:

Design to mount to any standard 19"rack or cabinet.

Space saving, high-density 1U.

Black Electrostatic Powder-Coated Steel: phosphor bronze with thin plating over nickel.

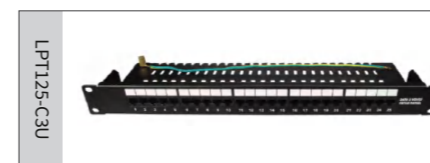
110 krone punch down tools are available.

Phosphor bronze with 6-50 micro inches gold plated.

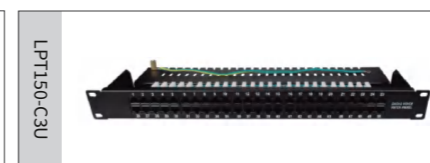
Colour Coded TIA/EIA 566A (international) and 568B (AT&T Standard) wiring for easy installation.

Metal sheet: corrosion resistant steel.

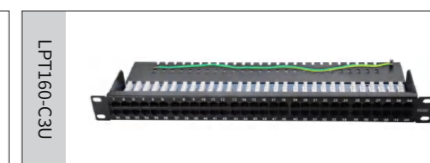
Plastic: self-extinguish high impact plastic.



25 Ports Voice Patch Panel



50 Ports Voice Patch Panel



60 Ports Voice Patch Panel

### Specification Parameters:

Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LPT125-C3U	25 Ports Voice Patch Panel	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	8.50kg
LPT150-C3U	50 Ports Voice Patch Panel	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.20kg
LPT160-C3U	60 Ports Voice Patch Panel	Black	1PCS	5PCS	L53.5cm×W31.3cm×H23.4cm	10.20kg

## Horizontal

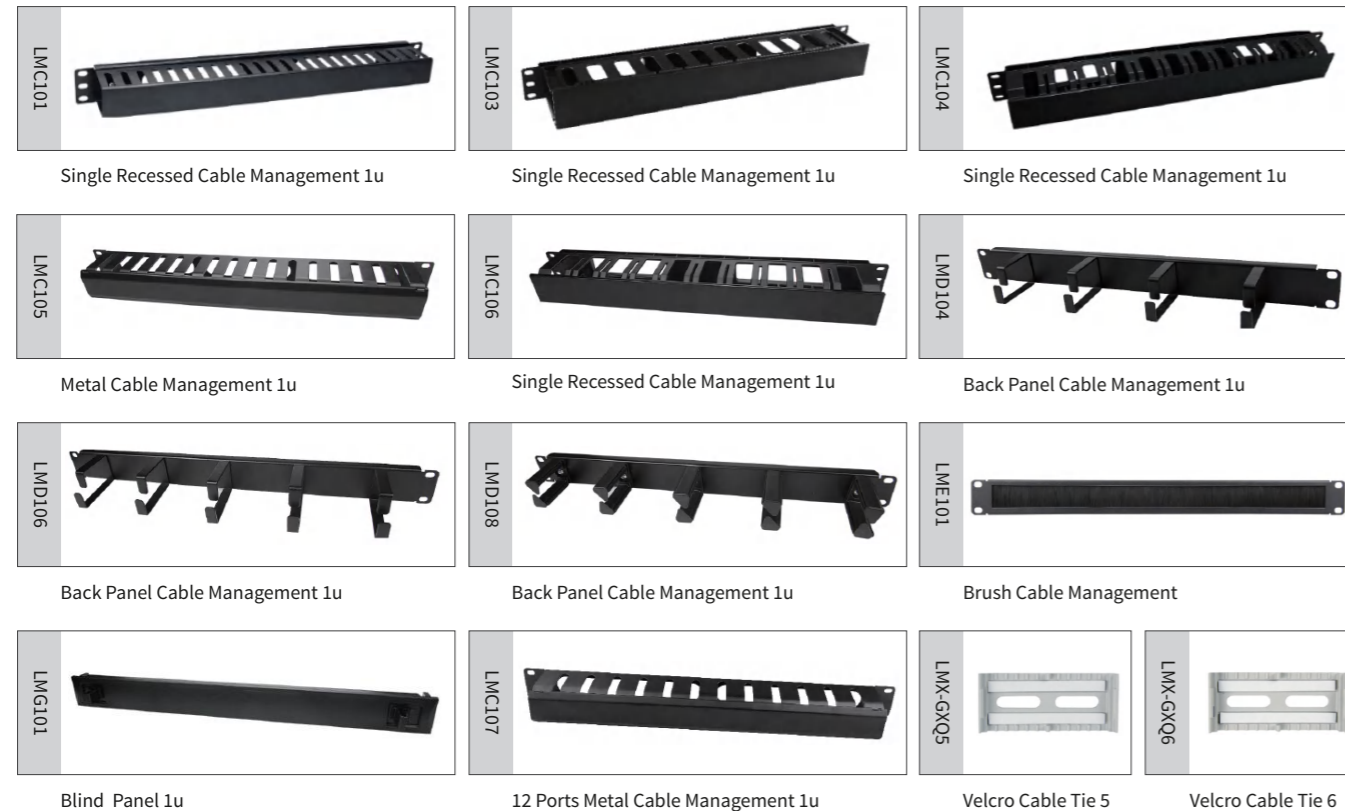
Cable Management

### Product Description:

Be compatible with 19-inch equipment racks, cabinets, and wall mount shelf, suitable for interaction and termination of horizontal cabling between devices, equipment and centralised points.

### Technical Characteristics:

Made of high quality ABS plastic to avoid scratching, with detachable-surface faceplate design.  
Accomplish a clean cabling system with simple, flexible, effective, convenient and safe feature.  
Unique exterior design, simple, compact.  
Black appearance enables its combination of any other equipment in data centre.



Part Number	Description	Standard Colour	Box Quantity	Carton Quantity	Carton Measurement	Carton Weight
LMC101	Single Recessed Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	9.20kg
LMC103	Single Recessed Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	9.20kg
LMC104	Single Recessed Cable Management 1u	Black	1PCS	8PCS	L53.5cm×W31.3cm×H23.4cm	9.20kg
LMC105	Metal Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	9.20kg
LMC106	Single Recessed Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	4.00kg
LMD104	Back Panel Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMD106	Back Panel Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMD108	Back Panel Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LME101	Brush Cable Management	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMG101	Blind Panel 1u	Black	1PCS	25PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMX-GXQ5	Velcro Cable Tie 5	Gray	1PCS	700PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMX-GXQ6	Velcro Cable Tie 6	Gray	1PCS	700PCS	L53.5cm×W31.3cm×H23.4cm	3.80kg
LMC107	12 Ports Metal Cable Management 1u	Black	1PCS	10PCS	L53.5cm×W31.3cm×H23.4cm	9.20kg

## UK Style Faceplate

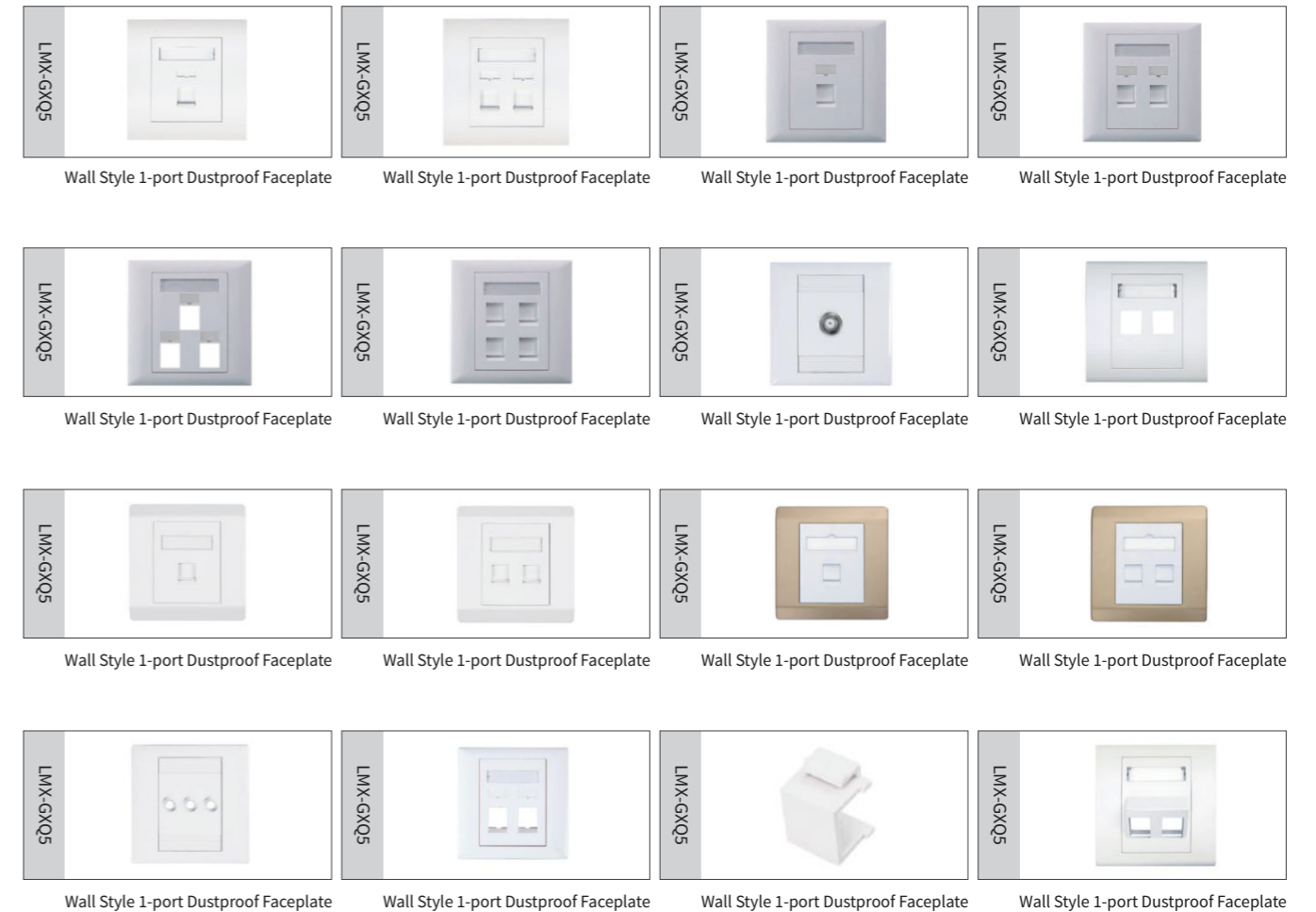
Type 86 Faceplate

### Product Description:

Suitable for different kinds of modular jack installation, widely used in working area network cabling.

### Technical Characteristics:

86x86 style.  
Embedded surface box, easy to install; panel surface with embedded charts and label positions for easy identification of data and voice terminal.  
With anti-dust sliding port-cover.  
Made of high quality ABS&PC plastic to avoid scratching, with detachable- surface faceplate.



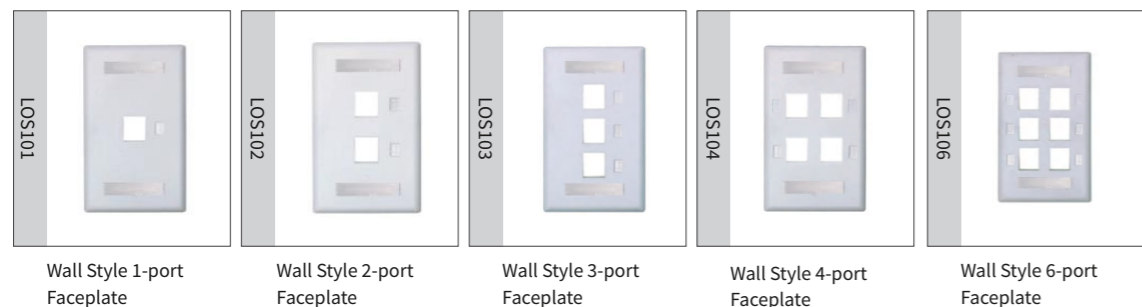
## US Style Faceplate

### Product Description:

Suitable for different kinds of modular jack installation, widely used in working area network cabling.

### Technical Characteristics:

America 120 style.  
 Embedded surface box, easy to install panel surface with embedded charts and label positions for easy identification of data and voice terminal.  
 With anti-dust sliding port-cover.  
 Made of high quality ABS&PC plastic to avoid scratching, with detachable surface faceplate.



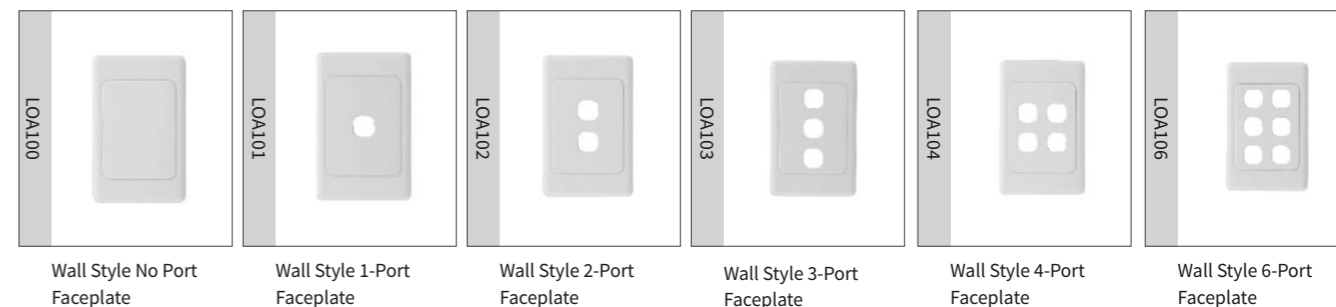
## Australian Style Faceplate

### Product Description:

Suitable for different kinds of modular jack installation, widely used in working area network cabling.

### Technical Characteristics:

116x75 style.  
 Embedded surface box, easy to install.  
 With anti-dust sliding port-cover.  
 Made of high quality ABS&PC plastic to avoid scratching, with detachable- surface faceplate.



## French Style Faceplate

### Product Description:

Suitable for different kinds of modular jack installation, widely used in working area network cabling.

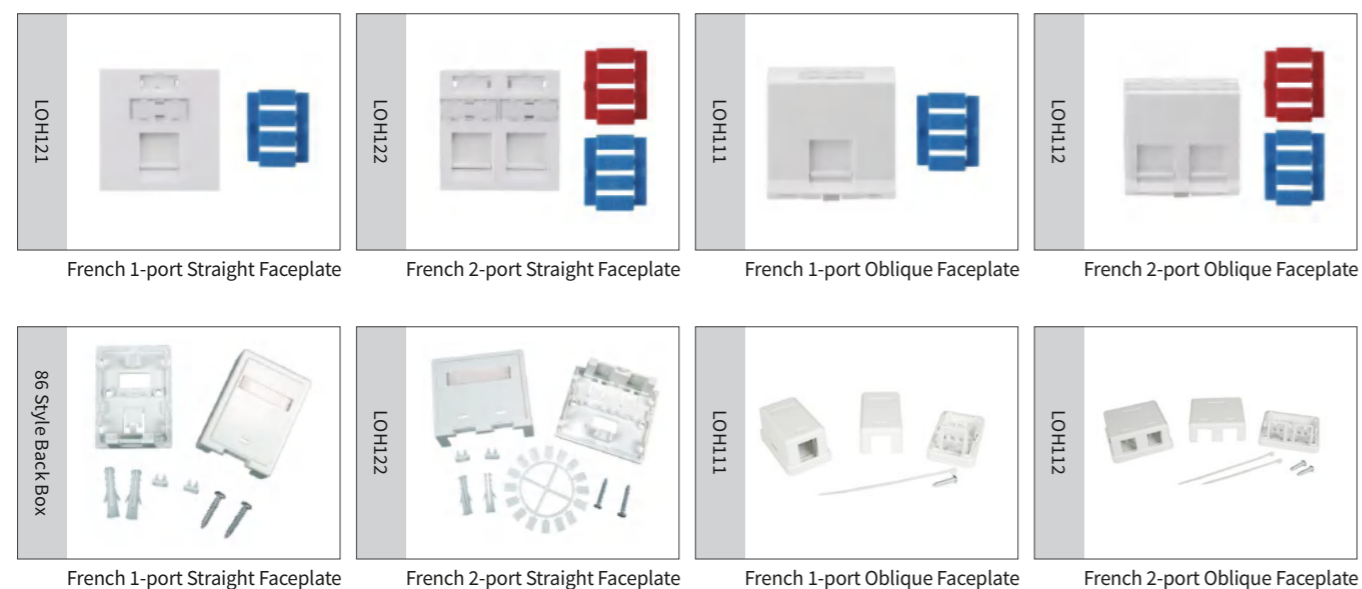
### Technical characteristics:

45x45 style.

Embedded surface box, easy to install: panel surface with embedded charts and label positions for easy identification of data and voice terminal.

With anti-dust sliding port-cover.

Made of high quality ABS&PC plastic to avoid scratching, with detachable- surface faceplate.



## Back Box

### Product Description:

Suitable for different kinds of faceplate installation, widely used in working area network cabling.

### Technical Characteristics:

Fit for installation of different kinds of faceplate.

Made of high quality ABS&PC plastic to avoid scratching, with detachable- Surface faceplate.



### Specification Parameter:

Part Number	Description	Standard Colour	Carton Quantity	Carton Measurement	Carton Weight
LOX186-1	86 Style Back Box	White	100PCS	L53.5cm×W31.3cm×H23.4cm	6.50KG
LOX112-1	120 Style Back Box	White	100PCS	L53.5cm×W31.3cm×H23.4cm	6.00KG
LOX112-2	120 Style Back Box	White	100PCS	L53.5cm×W31.3cm×H23.4cm	6.00KG
LOZ101	1-port Surface Faceplate	White	100PCS	L53.5cm×W31.3cm×H23.4cm	5.00KG
LOZ102	2-port Surface Faceplate	White	100PCS	L53.5cm×W31.3cm×H23.4cm	5.50KG
LOZ121	1-port Surface Faceplate	White	100PCS	L53.5cm×W31.3cm×H23.4cm	5.50KG
LOZ122	2-port Surface Faceplate	White	100PCS	L53.5cm×W31.3cm×H23.4cm	6.50KG