D-Link
Building Networks for People

D-Link
Structured Cabling Solutions

Copper Product Catalog 2019

Structured cabling is building or campus tele-communications cabling infrastructure that consists of a number of standardized smaller elements (hence structured) called subsystems.

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Passion to innovate

About D-Link Corporation

After more than 30 years, D-Link is still focused on what we have always done best; developing state-of-the-art, innovative network solutions to help our customers connect. And today, D-Link continues to expand its range of products, further helping consumers and businesses around the world "Connect to More"; Our broad range of technology solutions enables customers to connect with more partners, more customers, and more family and friends.

D-Link was founded in Taipei, Taiwan, in March 1986 as Datex Systems, Inc. Their mission then, as now, was to provide high-quality performing, innovative networking solutions for consumers and businesses of all sizes. From that day to this, D-Link has been at the vanguard of Networking, Wi-Fi, and Surveillance technology, developing a broad portfolio of award-winning, cutting edge products and services to help consumers and businesses in more than 100 countries to connect. Today, D-Link has 171 local sales offices in 66 countries and regional headquarters in Fountain Valley, USA, London, United Kingdom, and Singapore. And whilst the company is fiercely proud of it roots in Taiwan, D-Link is still able to provide global channels with a truly local touch.

D-Link serves a broad range of customers across a range of sectors and industries including Retail, Hospitality, Government, Education, Healthcare, and Service Providers and has provided solutions to some of the world's most recognizable brands including Amazon, Verizon, Deutsche Telecom, and TalkTalk. Partnerships and alliances with major global technology players allow D-Link to provide customers with cutting edge, dependable solutions. Examples of such collaborations include chipset solutions providers Broadcom and Qualcomm, online media service Pandora, IT industry heavyweights Microsoft and HP, and telecom solutions providers Ericsson and Nokia Siemens Networks.

D-Link has remained at the forefront of networking technology as the sector has evolved, consistently being recognized for its outstanding product design and innovation by some of the world's most prestigious industry awards. D-Link's cutting-edge product design has received numerous consumer, business, and corporate awards for the quality of its design. These have included iF, Red Dot, and Good Design, and also product innovation awards from major consumer review names including PC Mag, Tom's Hardware, SmallNetBuilder, CNET, and CES Innovation.

Across the world, we are helping millions of people in their daily lives. Every day, in some 100 countries, we power hospital networks so that life-saving operations can be carried out. We connect vast knowledge centers in the heart of universities and research institutes, enabling critical scientific breakthroughs. We help grow small family businesses through our Wi-Fi networking and camera surveillance products. And in millions of homes around the world, we help families enjoy rich, fast digital lifestyles, while maintaining peace of mind. D-Link has grown from a group of seven friends in 1986 to more than 2,000 employees around the world. More than 30 years later, D-Link is still pushing back the boundaries of networking technology.

Innovation
Our Passion to Innovate has produced many worlds first technologies. We are driven by entrepreneurship and vision.

Heritage
Every day, we keep building on our heritage. We make it stronger and we pass this heritage on every year.

This is the way we've built a networking giant from the ground up.

Execution
We do it with integrity, efficiency and teamwork globally. Each one of us puts our heart and soul into our work.

Structured Cabling

Structured cabling is building or campus telecommunications cabling infrastructure that consists of a number of standardized smaller elements (hence structured) called subsystems.

Structured cabling falls into six subsystems:

- Entrance Facilities are where the building interfaces with the outside world.
- Equipment Rooms host equipment which serve the users inside the building.
- Telecommunications Rooms house telecommunication equipment which connect the backbone and the horizontal cabling subsystems.
- Backbone Cabling connect between the entrance facilities, equipment rooms and telecommunications rooms.
- Horizontal Cabling connect telecommunications rooms to individual outlets on the floor.
- Work-Area Components connect end-user equipment to outlets of the horizontal cabling system. Structured cabling design and installation is governed by a set of standards that specify wiring data centers, offices, and apartment buildings for data or voice communications, using category 5 (CAT 5E) or category 6 cable (CAT 6) and modular sockets. These standards define how to lay the cabling in a star formation, such that all outlets terminate at a central patch panel (which is normally 19 inch rack-mounted), from where it can be determined exactly how these connections will be used. Each outlet can be 'patched' into a data network switch (normally also rack mounted alongside), or patched into a 'telecoms patch panel' which forms a bridge into a private branch exchange (PBX) telephone system, thus making the connection a voice port.

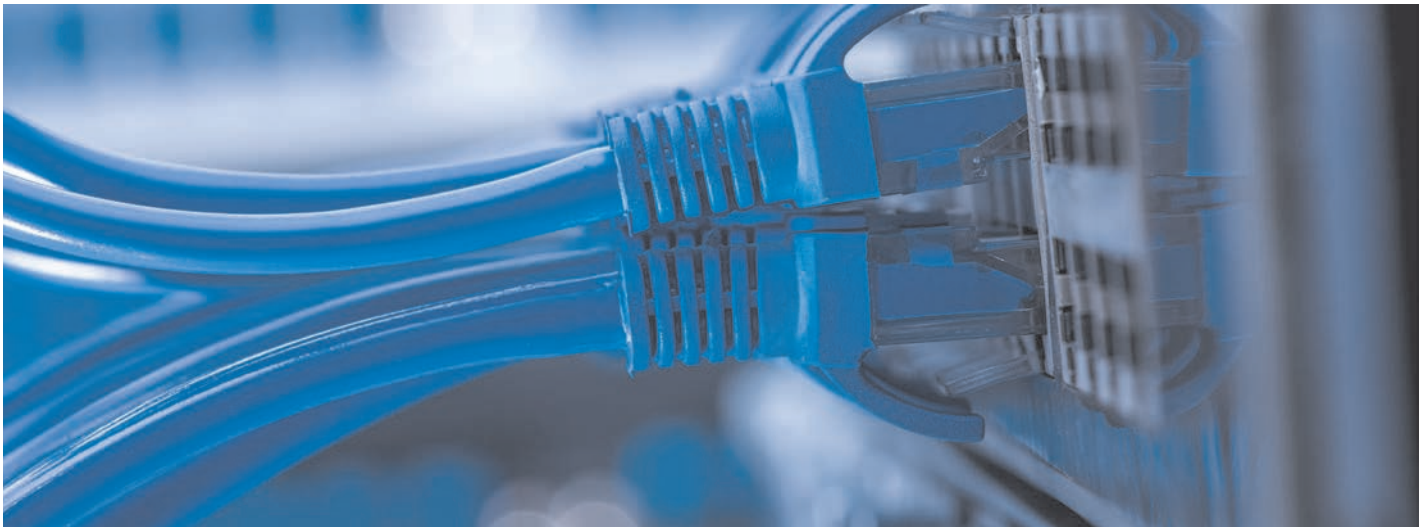
Lines patched as data ports into a network switch require simple straight-through patch cables at the other end to connect a computer. Voice patches to PBXs in most countries require an adapter at the remote end to translate the configuration on 8P8C modular connectors into the local standard telephone wall socket. No adapter is needed in the U.S. as the 6P6C plug used with RJ 11 telephone connections is physically compatible with the larger 8P8C ("13145") socket and the wiring of the 8P8C is compatible with RJ11. In the UK, an adapter must be present at the remote end as the 6-pin BT socket is physically incompatible with 8P8C.

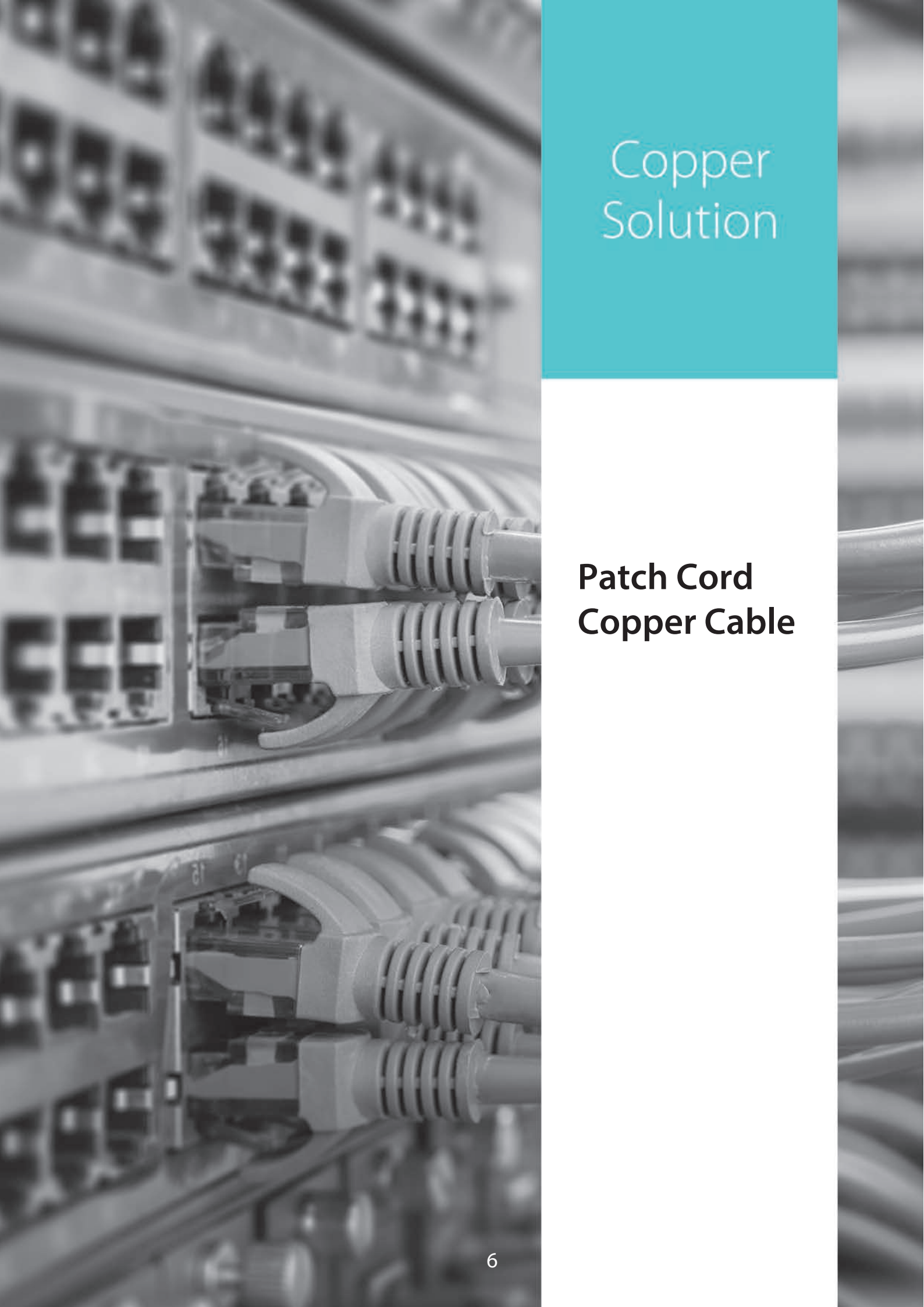
It is common to color code patch panel cables to identify the type of connection, though structured cabling standards do not require it, except in the demarcation wall field.

Cabling standards demand that all eight connectors in CatS/5e/6 cable are connected, resisting the temptation to 'double-up' or use one cable for both voice and data.

Structured Cabling Standards

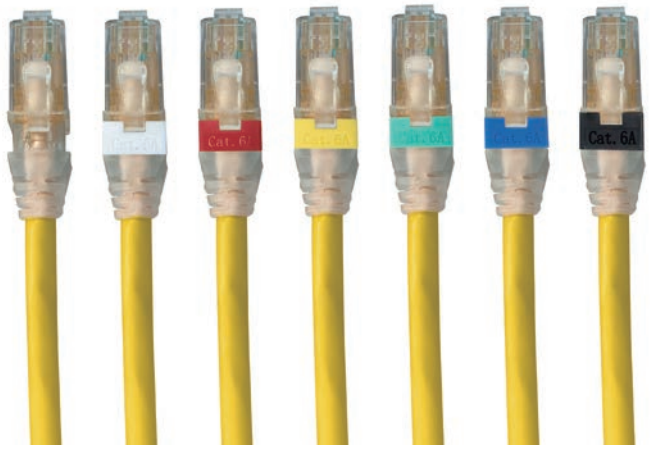
TIA/EIA-568-A : Commercial Building Cabling
TIA/EIA-568-A-3 : Bundled Cables
TIA/EIA-568-A-5 : Cat 5E Cabling
TIA/EIA-568-B TIA/EIA-568-B.1 : Cat 6 Cabling
TIA/EIA-568-B.2-1 : Cat 6 Cabling
TIA/EIA-568-B.3 : Optical Fiber Cabling
TIA/EIA-569A : Pathways & Spaces
TIA/EIA-606 : Labeling And Recording
TIA/EIA-607 : Grounding & Bonding
TSB-67 : Field Testing
TSB-72 : Centralized Fiber
TSB-75 : Open Office Wiring
TSB-95 : Additional Guidelines for Cat5E Cabling
TIA/EIA 568—C : Commercial buildings, and Between buildings in campus environments





Copper Solution

Patch Cord Copper Cable



Cat.6A STP Color-ring Patch Cords

KEY FEATURES

- Category 6A modular cords according to ISO/IEC 11801-2
- Category 6A modular cords according to EN 50173-2
- Category 6A modular cords according to ANSI/TIA-568-C.2
- IEC 61935-2 & 60512-99-001
- PoE+ Application
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed & EC Verified

DESCRIPTION

Shielded RJ45/RJ45 patch cords

Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Yellow (other colors available)
Color of ring	White, Red, Yellow, Green, Blue and Orange

SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60°C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PCCR6A3YL1P	Cat.6A 26AWG STP PVC Patch Cord,RJ45 with 6 Color Rings ,1M,Yellow
DSC-PCCR6A3YL2P	Cat.6A 26AWG STP PVC Patch Cord,RJ45 with 6 Color Rings ,2M,Yellow
DSC-PCCR6A3YL3P	Cat.6A 26AWG STP PVC Patch Cord,RJ45 with 6 Color Rings ,3M,Yellow
DSC-PCCR6A3YL5P	Cat.6A 26AWG STP PVC Patch Cord,RJ45 with 6 Color Rings ,5M,Yellow
DSC-PCCR6A3YL1L	Cat.6A 26AWG STP LSOH Patch Cord,RJ45 with 6 Color Rings ,1M,Yellow
DSC-PCCR6A3YL2L	Cat.6A 26AWG STP LSOH Patch Cord,RJ45 with 6 Color Rings ,2M,Yellow
DSC-PCCR6A3YL3L	Cat.6A 26AWG STP LSOH Patch Cord,RJ45 with 6 Color Rings ,3M,Yellow
DSC-PCCR6A3YL5L	Cat.6A 26AWG STP LSOH Patch Cord,RJ45 with 6 Color Rings ,5M,Yellow

For jacket color other than Yellow, replace YL(Yellow) with WH(White), LB(Light Blue), or BL(Blue).

Cat.6 UTP Color-ring Patch Cords

KEY FEATURES

- Category 6 modular cords according to ISO/IEC 11801-2
- Category 6 modular cords according to EN 50173-2
- Category 6 modular cords according to ANSI/TIA-568-C.2
- IEC 61935-2 & 60512-99-001
- PoE+ Application
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed & EC Verified

DESCRIPTION

Unshielded RJ45/RJ45 patch cords

Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LS0H
Standard jacket color	Light Blue(other colors available)
Color of ring	White, Red, Yellow, Green, Blue and Orange

SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60ºC
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PCCRC61LB1P	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,1M, Light Blue
DSC-PCCRC61LB2P	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,2M, Light Blue
DSC-PCCRC61LB3P	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,3M, Light Blue
DSC-PCCRC61LB5P	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,5M, Light Blue
DSC-PCCRC61LB1L	Cat.6 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,1M, Light Blue
DSC-PCCRC61LB2L	Cat.6 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,2M, Light Blue
DSC-PCCRC61LB3L	Cat.6 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,3M, Light Blue
DSC-PCCRC61LB5L	Cat.6 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,5M, Light Blue

For some colors other than Light Blue, replace LB (Light Blue) with WH(White), YL(Yellow), or BL(Blue).

Cat.5E UTP Color-ring Patch Cords

KEY FEATURES

- Category 5e modular cords according to ISO/IEC 11801-2
- Category 5e modular cords according to EN 50173-2
- Category 5e modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

Unshielded RJ45/RJ45 patch cords

Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Color of ring	Orange, Red, Yellow, Green, Blue and White

SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60ºC
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PCCR5E1GY1P	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings,1M, Gray
DSC-PCCR5E1GY2P	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings,2M,Gray
DSC-PCCR5E1GY3P	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings,3M,Gray
DSC-PCCR5E1GY5P	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings,5M,Gray
DSC-PCCR5E1GY1L	Cat.5e 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings,1M,Gray
DSC-PCCR5E1GY2L	Cat.5e 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings,2M,Gray
DSC-PCCR5E1GY3L	Cat.5e 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings,3M,Gray
DSC-PCCR5E1GY5L	Cat.5e 24AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings,5M,Gray

For some colors other than Gray, replace GY (Gray) with WH(White), YL(Yellow), or BL(Blue).

Cat.6 28AWG UTP Color Ring Patch Cords

KEY FEATURES

- Category 6 modular cords according to ISO/IEC 11801-2
- Category 6 modular cords according to EN 50173-2
- Category 6 modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

Unshielded RJ45/RJ45 modular cords

Frequency range	1-250 MHz
Conductor	28 AWG 7x0.127 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LS0H
Standard jacket color	White (other colors available)
Color of ring	Orange, Red, Yellow, Green, Blue and White

SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60ºC
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PCCRSC61WH1P	Cat.6 28AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,1M, White
DSC-PCCRSC61WH2P	Cat.6 28AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,2M, White
DSC-PCCRSC61WH3P	Cat.6 28AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,3M, White
DSC-PCCRSC61WH5P	Cat.6 28AWG U/UTP PVC Patch Cord,RJ45 with 6 Color Rings ,5M, White
DSC-PCCRSC61LB1L	Cat.6 28AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,1M,Light Blue
DSC-PCCRSC61LB2L	Cat.6 28AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,2M,Light Blue
DSC-PCCRSC61LB3L	Cat.6 28AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,3M,Light Blue
DSC-PCCRSC61LB5L	Cat.6 28AWG U/UTP LSOH Patch Cord,RJ45 with 6 Color Rings ,5M,Light Blue

For some colors other than White, replace WH (White) with GY (Gray), YL(Yellow), or BL(Blue).

Cat.6 UTP Patch Cords

KEY FEATURES

- Category 6 patch cords according to ISO/IEC 11801
- Category 6 patch cords according to EN 50173
- Category 6 patch cords according to ANSI/TIA-568-C.2
- CM (PVC cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

Unshielded RJ45/RJ45 patch cords

Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC
Standard jacket color	Gray (other colors available)

SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60ºC
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-C6UGRYR1-1	Cat.6 UTP 24 AWG PVC Round Patch Cord - 1M - Gray
NCB-C6UGRYR1-2	Cat.6 UTP 24 AWG PVC Round Patch Cord - 2M - Gray
NCB-C6UGRYR1-3	Cat.6 UTP 24 AWG PVC Round Patch Cord - 3M - Gray
NCB-C6UGRYR1-5	Cat.6 UTP 24 AWG PVC Round Patch Cord - 5M - Gray
NCB-C6UGRYR1-10	Cat.6 UTP 24 AWG PVC Round Patch Cord - 10M - Gray
NCB-C6UGRYR1-15	Cat.6 UTP 24 AWG PVC Round Patch Cord - 15M - Gray

For some colors other than Gray, replace BLU(Blue) with WHI (White), YEL(Yellow), or GRY (Gray).

Cat.5E UTP Patch Cords

KEY FEATURES

- Category 5e patch cords according to ISO/IEC 11801
- Category 5e patch cords according to EN 50173
- Category 5e patch cords according to ANSI/TIA-568-C.2
- CM (PVC cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

Unshielded RJ45/RJ45 patch cords

Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC
Standard jacket color	Blue (other colors available)

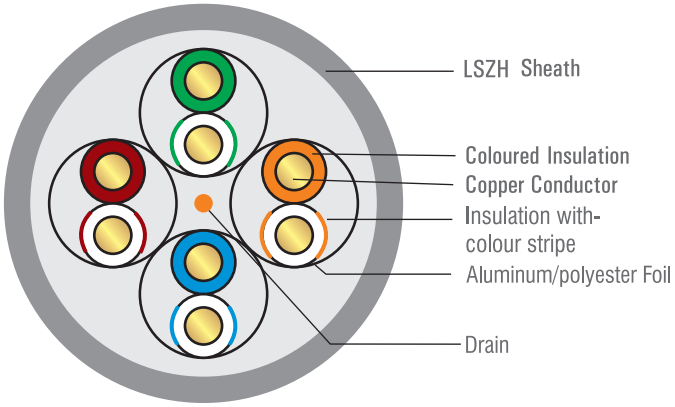
SPECIFICATIONS

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60ºC
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-5EUBLUR1-1	Cat.5E UTP 24 AWG PVC Round Patch Cord - 1M - Blue
NCB-5EUBLUR1-2	Cat.5E UTP 24 AWG PVC Round Patch Cord - 2M - Blue
NCB-5EUBLUR1-3	Cat.5E UTP 24 AWG PVC Round Patch Cord - 3M - Blue
NCB-5EUBLUR1-5	Cat.5E UTP 24 AWG PVC Round Patch Cord - 5M - Blue
NCB-5EUBLUR1-10	Cat.5E UTP 24 AWG PVC Round Patch Cord - 10M - Blue
NCB-5EUBLUR1-15	Cat.5E UTP 24 AWG PVC Round Patch Cord - 15M - Blue

For some colors other than Gray, replace GRY(Gray) with WHI (White), YEL(Yellow), or Blu (Blue).



Cat.6A U/FTP LAN Cables

KEY FEATURES

- Category 6A cable according to ISO 11801 2nd Edition
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50173-2 & EN50399, IEC60028, IEC60189 & IEC60332
- Flame tests for UL(Type CM) & CE/ CPR(LSZH Cable)
- EU Directive 2011/65/EU (RoHS-2)
- Optional EU Regulation 305/2011 (CPR) Classifications: Dca-s1a,d0,a2 for LSZH cable

DESCRIPTION

4 - Pair U/FTP cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LSZH

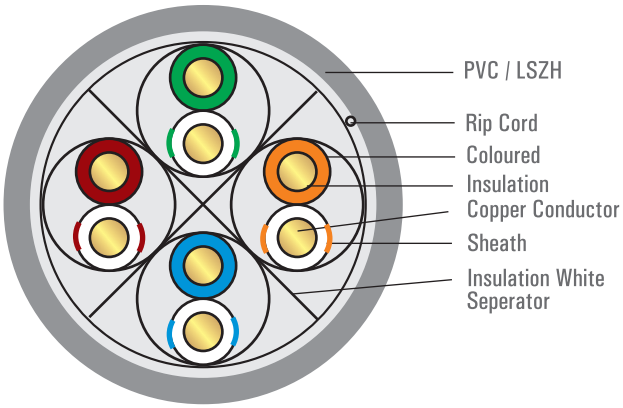
SPECIFICATIONS

Pulling force	50 N/mm2 max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60ºC
Installation temperature	0 to +50ºC
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	76% nom.

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-6AFYELR-305-LS	Cat.6A 10G U/FTP 23AWG LSZH Solid Cable - 305M/Roll - Yellow Colour

For some colors other than Yellow, replace YEL(Yellow) with WHI (White), LBU(Light Blue), or BLU(Blue).



Cat.6A U/UTP LAN Cables

KEY FEATURES

- Category 6A cable according to ISO 11801 2nd Edition
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50173-2
- IEC 60332-1, flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL (Type CM)

DESCRIPTION

4 - Pair UTP cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LSZH

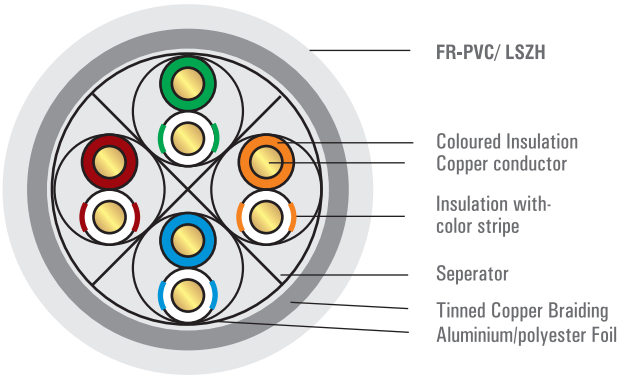
SPECIFICATIONS

Pulling force	50 N/mm2 max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60ºC
Installation temperature	0 to +50ºC
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	76% nom.

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-6AUYELR-305	Cat6A 10G U/UTP 23AWG PVC Solid Cable - 305M/Roll - Yellow Colour
NCB-6AUYELR-305-LS	Cat.6A 10G U/UTP 23AWG LSZH Solid Cable - 305M/Roll - Yellow Colour

For some colors other than Yellow, replace YEL (Yellow) with WHI (White), LBU(Light Blue), or BLU(Blue).



Cat.6 S/FTP LAN Cables

KEY FEATURES

- Category 6 cable according to ISO 11801 2nd Edition
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50173-2
- IEC 60332-1, flame tests
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

4 - Pair S/FTP cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	FR-PVC or LSZH

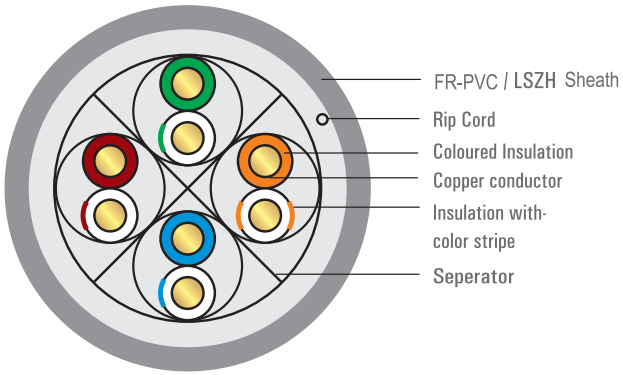
SPECIFICATIONS

Pulling force	50 N/mm2 max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60 °C
Installation temperature	0 to +50 °C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	68% nom.

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-C6SLBUR-305	Cat.6 S/FTP 23 AWG PVC Solid Cable - 305M/Roll - Light Blue
NCB-C6SLBUR-305-LS	Cat.6 S/FTP 23 AWG LSZH Solid Cable - 305M/Roll- Light Blue

For some colors other than Light Blue, replace LBU (Light Blue) with WHI (White), YEL(Yellow), or BLU(Blue).



Cat.6 U/UTP LAN Cables

KEY FEATURES

- Category 6 cable according to ISO 11801 2nd Edition
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50173-2, EN50399, IEC60028, IEC60189, IEC60332-1-2
- Flame tests for UL(Type CM) & CE/ CPR(LSZH Cable)
- EU Directive 2011/65/EU (RoHS-2)
- Optional EU Regulation 305/2011 (CPR) Classifications: Dca-s1,d1,a2 for LSZH cables

DESCRIPTION

4-Pair U/UTP cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	FR-PVC or LSZH

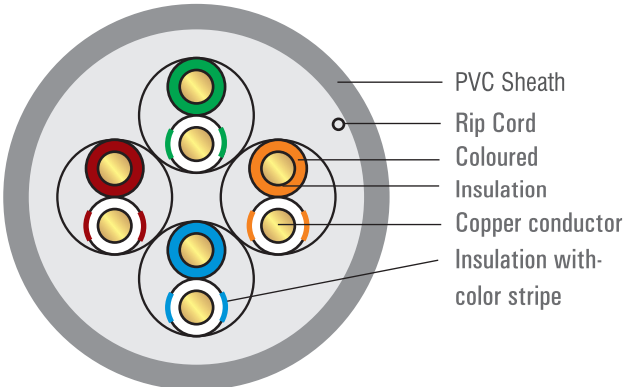
SPECIFICATIONS

Pulling force	50 N/mm2 max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60° C
Installation temperature	0 to +50° C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-C6ULBUR-305	Cat.6 UTP 23 AWG PVC Solid Cable - 305M/Roll - Light Blue
NCB-C6ULBUR-305-LS	Cat.6 UTP 23 AWG LSZH Solid Cable - 305M/Roll - Light Blue

For some colors other than Light Blue, replace LBU (Light Blue) with WHI (White), YEL(Yellow), or BLU(Blue).



Cat.5E U/UTP LAN Cables

KEY FEATURES

- Category 5e cable according to ISO 11801 2nd Edition
- Category 5e cable according to ANSI/TIA-568-C.2
- 100MHz cable according to EN 50173-2
- Flame tests for UL (Type CM)
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

4 -Pair U/UTP cables

Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	High Density Polyethylene
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC

SPECIFICATIONS

Pulling force	50 N/mm2 max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60°C
Installation temperature	0 to +50°C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.

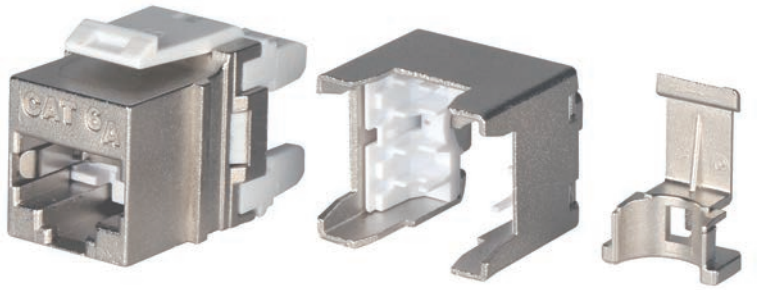
ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-5EU**GRY**R-305	Cat.5E UTP 24 AWG PVC Solid Cable - 305M/Roll - Gray

For some colors other than Gray, replace GRY (Gray) with WHI (White), YEL(Yellow), or BLU(Blue).

Copper Solution

Fast Termination Series



Cat.6A Shielded Fast Termination Keystone Jacks

KEY FEATURES

Standard Compliances:

- ISO/IEC 11801-1:2017(Ed. 1.0)/ISO/IEC 11801-2:2017 (Ed.1.0)
  IEC 60603-7-4:2010(Ed. 2.0)
  EN 50173-1:2011/EN 50173-2:2007 includ ing amendment A1:2010
  ANSI/TIA-568-C.2:2009
  IEC 60512-99-002(draft 48B/2531/CD)
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed & EC Verified

DESCRIPTION

8P8C shielded RJ45 fast termination keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Shield	Die-cast metal case
Housing	Zinc-alloy fully shielded

SPECIFICATIONS

Orientation	180°
Termination blocks	110 IDC (Phosphor bronze alloy with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 cycles
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	2A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Compatible with 24-port & 48-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFT6A2SVB	Cat.6A FTP Fast Termination Jack(4PPoE, 2A)

Cat.6A Unshielded Fast Termination Keystone Jacks

KEY FEATURES

Standard Compliances:

- ISO/IEC 11801-1:2017(Ed. 1.0)/ISO/IEC 11801-2:2017 (Ed.1.0)
  IEC 60603-7-4:2010(Ed. 2.0)
  EN 50173-1:2011/EN 50173-2:2007 includ ing amendment A1:2010
  ANSI/TIA-568-C.2:2009
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 fast termination keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Shield	None
Housing	High impact FR compound
Standard color	White/Black (other colors available)

SPECIFICATIONS

Orientation	180º
Termination blocks	110 IDC(Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 cycles
Operating temperature	-20 to +60ºC at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Compatible with 24-port & 48-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFT6A1WHB	Cat.6A UTP Fast Termination Jack, White
DSC-KJFT6A1BLB	Cat.6A UTP Fast Termination Jack, Blue
DSC-KJFT6A1RDB	Cat.6A UTP Fast Termination Jack, Red
DSC-KJFT6A1YLB	Cat.6A UTP Fast Termination Jack, Yellow
DSC-KJFT6A1GRB	Cat.6A UTP Fast Termination Jack, Green
DSC-KJFT6A1BKB	Cat.6A UTP Fast Termination Jack, Black
DSC-KJFT6A1ORB	Cat.6A UTP Fast Termination Jack, Orange

Cat.6A Unshielded Angled Keystone Jacks

KEY FEATURES

- Category 6A connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70-100 micro-inch of nickel
Shield	None
Housing	High impact FR compound, UL 94V-0
Standard color	White

SPECIFICATIONS

Orientation	180º
Termination blocks	110 IDC(Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 cycles
Operating temperature	-10 to +60ºC at 5-93% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Compatible with DSC-PPFTUN1BK12 Black Patch panel

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFT6A1WHBA	Cat.6A UTP Fast Termination Jack Angled

Cat.6 Shielded Fast Termination Keystone Jacks

KEY FEATURES

DESCRIPTION

8P8C shielded RJ45 fast termination keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Shield	Die-cast metal case
Housing	Zinc-alloy fully shielded

SPECIFICATIONS

Orientation	180°
Termination blocks	110 IDC (Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 cycles
Operating temperature	-20 to +60ºC at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Compatible with 24-port & 48-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFTC62SVB	Cat.6 FTP Fast Termination Jack(4PPoE, 2A)

Cat.6 UTP Fast Termination Keystone Jacks

KEY FEATURES

Standard Compliances:

- ISO/IEC 11801-1:2017(Ed. 1.0)/ISO/IEC 11801-2:2017 (Ed.1.0)
  IEC 60603-7-4:2010(Ed. 2.0)
  EN 50173-1:2011/EN 50173-2:2007 includ ing amendment A1:2010
  ANSI/TIA-568-C.2:2009
  IEC 60512-99-002(draft 48B/2531/CD)
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed & EC Verified

DESCRIPTION

8P8C unshielded RJ45 fast termination keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	50 Micro-inch of Gold plating
Housing	High impact FR compound, UL 94V-0
Standard color	White (other colors available)

SPECIFICATIONS

Orientation	180°
Termination blocks	110 IDC (Phosphor bronze alloy with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 Cycles
Operating temperature	-20 to +60°C at 5-95% RH (non condensing)
Ampacity	2A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Jacks are compatible with 24-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFTC61WHB	Cat.6 UTP Fast Termination Jack, White(4PPoE, 2A)
DSC-KJFTC61BLB	Cat.6 UTP Fast Termination Jack, Blue(4PPoE, 2A)
DSC-KJFTC61RDB	Cat.6 UTP Fast Termination Jack, Red(4PPoE, 2A)
DSC-KJFTC61YLB	Cat.6 UTP Fast Termination Jack, Yellow(4PPoE, 2A)
DSC-KJFTC61GRB	Cat.6 UTP Fast Termination Jack, Green(4PPoE, 2A)
DSC-KJFTC61BKB	Cat.6 UTP Fast Termination Jack, Black(4PPoE, 2A)
DSC-KJFTC61ORB	Cat.6 UTP Fast Termination Jack, Orange(4PPoE, 2A)

Cat.6 Unshielded Fast Termination Angled Keystone Jacks

KEY FEATURES

Standard Compliances:

- ISO/IEC 11801-1:2017(Ed. 1.0)/ISO/IEC 11801-2:2017 (Ed.1.0)
  IEC 60603-7-4:2010(Ed. 2.0)
  EN 50173-1:2011/EN 50173-2:2007 includ ing amendment A1:2010
  ANSI/TIA-568-C.2:2009
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 fast termination keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Shield	None
Housing	High impact FR compound, UL 94V-0
Standard color	White

SPECIFICATIONS

Orientation	180°
Termination blocks	110 IDC(Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60°C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Compatible with DSC-PPFTUN1BK12 Black Patch panel

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFTC61WHBA	Cat.6 UTP Fast Termination Jack Angled

Cat.5E UTP Fast Termination Keystone Jacks

KEY FEATURES

- 100MHz unshielded connectors acc. to ISO 11801 2nd
- 100MHz unshielded connectors acc. to EN 50173-2
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

8P8C unshielded RJ45 Fast Termination keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22-24 AWG
Pin-pair assignment	T568A & T568B
Contacts	50Micro-Inch of Gold plating
Housing	High impact FR compound, UL 94V-0
Standard color	White (other colors available)

SPECIFICATIONS

Orientation	180°
Termination blocks	110 IDC (Phosphor bronze alloy with 100 micro-inch 100% Sn Alloy)
Insertion/withdrawal	750 Cycles
Cable re-termination	20 Cycles
Operating temperature	-20 to +60°C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc
Tools	Fast Termination Tool or Punch Down Tool

Straight jacks are compatible with 24-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFT5E1WHB	Cat.5E UTP Fast Termination Jack, White
DSC-KJFT5E1BLB	Cat.5E UTP Fast Termination Jack, Blue
DSC-KJFT5E1RDB	Cat.5E UTP Fast Termination Jack, Red
DSC-KJFT5E1YLB	Cat.5E UTP Fast Termination Jack, Yellow
DSC-KJFT5E1GRB	Cat.5E UTP Fast Termination Jack, Green
DSC-KJFT5E1BKB	Cat.5E UTP Fast Termination Jack, Black
DSC-KJFT5E1ORB	Cat.5E UTP Fast Termination Jack, Orange

Cat.6A Pre-terminated FTP Cassette

KEY FEATURES

- Screened
- Cables entering module are individually secured
- Toolless assembly and patch panel fitting
- Performance - Component Level
- Compatible with Black Patch Panel

DESCRIPTION

The 6 Port Screened Category 6A Preterminated Cassette offers a flexible and quick way to terminate and install structured cabling. Manufactured from high impact flame retardant plastic, the modules use IDC punch downs for the termination of the copper cables. The Cassettes are easily fitted and removed from the rear of the patch panel by activating release latches.

SPECIFICATIONS

Model:	Cassette with 6 jacks
Type of connector:	RJ45
Shielded:	yes
Category:	6A (ANSI / TIA-568-C.2)
Connection type:	IDC (Phosphor Bronze Alloy Plated with 100 micro-inch 100% Sn Alloy)
Insertion / Extraction Life:	750 cycles
Housing:	Zinc-alloy fully shielded
Spring Wire:	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Colour:	Silver
AWG-range:	22...24

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFT6A2SV6	Cat.6A FTP Pre-terminated Cassette, 6 Ports

Cat.6 Pre-terminated FTP Cassette

KEY FEATURES

- Cables entering module are individually secured
- Toolless assembly and patch panel fitting
- Performance - Component Level
- Compatible with Black Patch Panel

DESCRIPTION

The 6 Port UTP Category 6 Preterminated Cassette Offers a flexible and quick way to terminate and install structured cabling. Manufactured from high impact flame retardant plastic, the modules use IDC punch downs for the termination of the copper cables. The Cassettes are easily fitted and removed from the rear of the patch panel by activating release latches.

SPECIFICATIONS

Model:	Cassette with 6 jacks
Type of connector:	RJ45
Category:	6 (ANSI / TIA-568-C.2)
Connection type:	IDC
Insertion / Extraction Life:	750 cycles
Housing:	Zinc-alloy fully shielded
Spring Wire:	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Colour:	Silver
AWG-range:	22...24

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTC62SV6	Cat.6 FTP Pre-terminated Cassette, 6 Ports

Cat.6 Pre-terminated UTP Cassette

KEY FEATURES

- Cables entering module are individually secured
- Toolless assembly and patch panel fitting
- Performance - Component Level
- Compatible with Black Patch Panel

DESCRIPTION

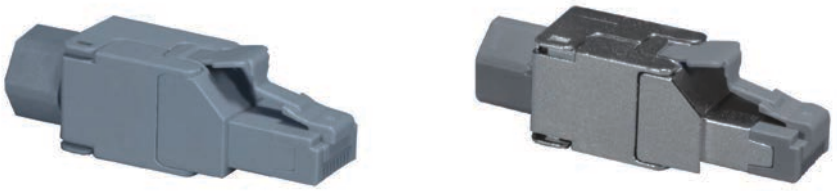
The 6 Port UTP Category 6 Preterminated Cassette offers a flexible and quick way to terminate and install structured cabling. Manufactured from high impact flame retardant plastic, the modules use IDC punch downs for the termination of the copper cables. The Cassettes are easily fitted and removed from the rear of the patch panel by activating release latches.

SPECIFICATIONS

Model:	Cassette with 6 Jacks
Type of connector:	RJ45
Category:	6 (ANSI / TIA-568-C.2)
Connection type:	IDC
Insertion / Extraction Life:	750 cycles
Housing:	FR Plastic, UL 94V-0
Spring Wire:	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Colour:	Grey
AWG-range:	22...24

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTC61GY6	Cat.6 UTP Pre-terminated Cassette, 6 Ports



Field Termination UTP/FTP RJ45 Plugs

KEY FEATURES

- Cat.6A FTP connectors according to ISO/IEC 11801 2 nd
- Category 6 & Cat.6A connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test for Cat.6 UTP
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

Field Termination RJ 45 Plugs

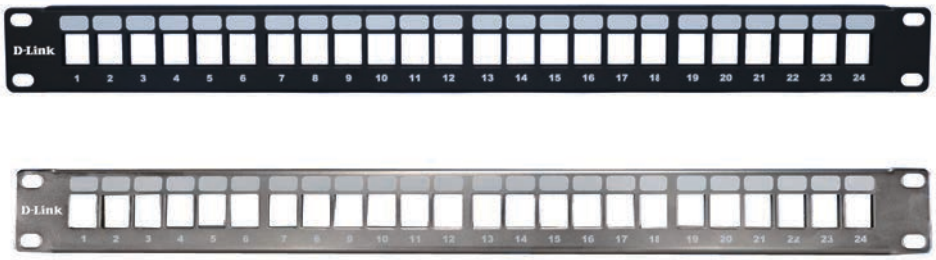
Frequency range	1-250 MHz (Cat.6), 1-500 MHz (Cat.6A)
Compatible conductors	23-26 AWG
Contacts	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold
Shield	Zinc-alloy fully shielded (Cat.6A FTP)
Housing	High-Impact, Flame-Retardant Plastic, UL 94V-0 (Cat.6 UTP)

SPECIFICATIONS

Ampacity	2A max.
Insertion/withdrawal	750 cycles
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @100 Vdc

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFTC61GRBB	Cat.6 UTP Field-terminated RJ45 Plug, Grey
DSC-KJFT6A2SVBB	Cat.6A FTP Field-terminated RJ45 Plug, Silver (4PPoE, 2A)



Blank Patch Panels for FT Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- UL Listed
- Compatible with FT jacks.
- EC Verified for DSC-PPFTUN1BK11

DESCRIPTION

24 port blank 19" panels

Type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
Insertion method	Back loading
Formation	24 ports in one row
Back cable organizer	Folding frame with snap-in cable grips

SPECIFICATIONS

Material	SPCC (1.5t) with Nickel Plating
Frame	Galvanized corrosion resistant steel

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTUN1BK11	1U 24 Port UTP Blank Patch Panel, Black
DSC-PPFTUN3SV11	1U 24 Port UTP/FTP Blank Patch Panel, Silver

Unshielded Blank Patch Panels for Angled Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 port unshielded blank 19" panels

Type compatibility	Unshielded 180° & angled RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
Insertion method	Back loading
Formation	24 ports in two rows (1U)
Back cable organizer	Frame with 24 slots

SPECIFICATIONS

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60ºC at 5-95% RH (non condensing)
Storage temperature	-20 to +80ºC
Plastic parts	High-impact flame retardant materials

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTUN1BK12	1U 24 Port UTP Blank Patch Panel for Angled Jack, Black

Unshielded Blank Staggered Patch Panels

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 port unshielded staggered blank 19" panels

Type compatibility	Unshielded 180° & straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
Insertion method	Back loading
Formation	24 ports in two rows (1U)
Back cable organizer	Frame with 24 slots

SPECIFICATIONS

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTUN1BK13	1U 24 Port UTP Blank Patch Panel (for Cat.6A UTP), Black

Pre-terminated Black Patch Panel

KEY FEATURES

- Choice of module capacity
- Accepts Copper & Fibre Modules
- Snap-in Type

DESCRIPTION

The Pre-terminated Black Patch Panel accepts both copper and fibre modules. The ability to have fibre and copper presented in one panel offers flexibility in the installation, reduces the rack space required and provides future proofing in system design.

SPECIFICATIONS

Suitable for number of outlets / modules:	48 Port per 1U
Category:	Cat.6 or Cat.6A cassette
Number of rack units (RU):	1
Colour:	Silver
Mounting method:	19 inch mounting
Height:	44.4 mm
Width:	482 mm
Depth:	73 mm

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPFTUN3SV81	1U 48 Port Pre-terminated Blank Patch Panel

114 x 70 Rectangle Faceplates

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1- 4 port US Style faceplates

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Color	White
Insertion method	Back loading

SPECIFICATIONS

Material of construction	High-impact flame retardant materials, ABS, UL 94V-0
Finish	Texture MT11020

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBFT0F1RTHU1	114*70mm Rectangle Faceplate, Horizontal 1 Port
DSC-FBFT0F2RTHU1	114*70mm Rectangle Faceplate, Horizontal 2 Port
DSC-FBFT0F3RTHU1	114*70mm Rectangle Faceplate, Horizontal 3 Port (w/ 2 blank inserts)
DSC-FBFT0F4RTHU1	114*70mm Rectangle Faceplate, Horizontal 4 Port
DSC-FBFT001RT	114*70mm Rectangle Back Box

86 x 86 Square Faceplates

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1-2 port UK Style faceplates

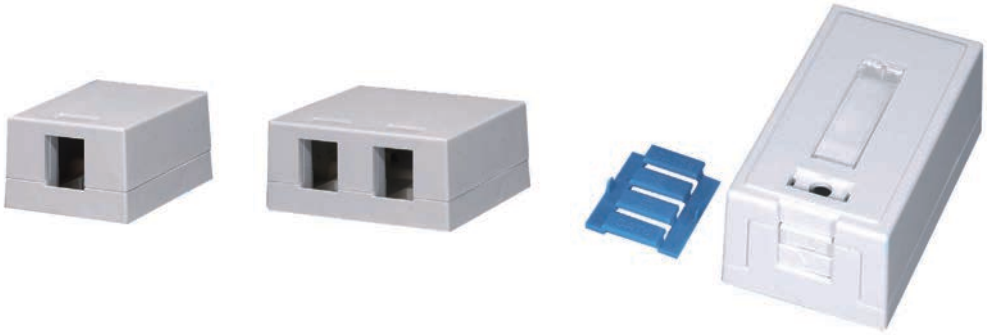
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White

SPECIFICATIONS

Material of construction	High-impact flame retardant materials
ICON:	ABS, UL 94V-0
CAP:	ABS, UL 94V-0
SPRING :	SUS 340
SHUTTER:	ABS, UL 94V-0
PLATE:	ABS, UL 94V-0, 86 x 86 x 9mm

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBFT0F1SQHUN1	86*86mm Square Faceplate 1 Port
DSC-FBFT0F2SQHUN1	86*86mm Square Faceplate 2 Port
DSC-FBFT001SQ	86*86mm Square Back Box



Surface Mount Boxes

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1-2 port surface mount boxes

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes (optional)
Color	White
Insertion method	Back loading (inside the box)

SPECIFICATIONS

Material of construction	High-impact flame retardant materials, ABS, UL 94V-0

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBFT0B1U1	1 Port Surface Mounted Box w/o Shutter for FT Jacks
DSC-FBFT0B2U1	2 Port Surface Mounted Box w/o Shutter for FT Jacks
DSC-FBFT0B1S1	1 Port Surface Mounted Box w/ Shutter for FT Jacks
DSC-FBFT0B2S1	2 Port Surface Mounted Box w/ Shutter for FT Jacks

Fast Termination Tool

KEY FEATURES

- Enables faster and more accurate cable termination
- Eliminate the damage to the jacks
- One blade fits all Fast Termination jacks
- All 8 wires are terminated and cut in one click

DESCRIPTION

4-Pair Fast Termination tool and blade

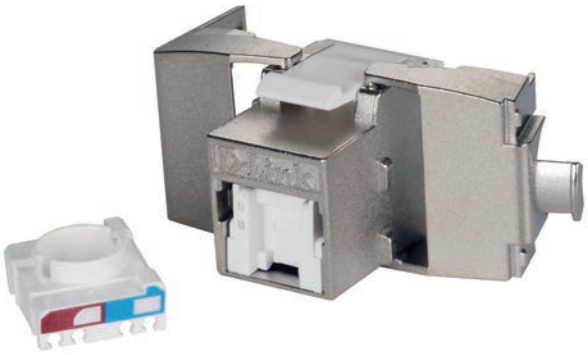
Application	Punch down and cut 8 wires in one click
Tool compatibility	All Fast Termination jacks
Blade compatibility	All Fast Termination jacks
Color	Blue

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJFTT	Fast Termination Tool for Jack
DSC-KJFTB	Blade for Fast Termination Tool

Copper Solution

Tool-less Series



Cat.6A STP Tool-less Keystone Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- According to: ANSI / TIA-568-C.2
  ISO/IEC 11801, EN50173-2
  IEEE 802.3at (PoE + Application)
  IEC 60512-99-001
- UL Listed
- ETL Verified

DESCRIPTION

8P8C shielded RJ45 tool-less keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22 to 24 AWG solid.
Pin-pair assignment	T568A & T568B
Contacts	Phosphor bronze,50U" Gold painting.
Housing	PC,UL94V-0.

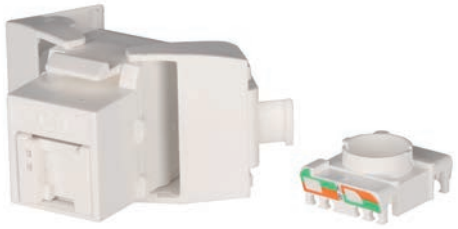
SPECIFICATIONS

Orientation	180°
Termination blocks	IDC (PC, UL 94V-0)
Insertion/withdrawal	750 cycles
Cable re-termination	30 cycles
Operating temperature	-10°Cto +60°C at 10-90% RH(non condensing)
Storage temperature range :	-40°C to +68°C.
Insulation resistance :	500 MΩ.
Dielectric withstanding voltage :	1000 V AC.
DC current rating :	1.5 Amps.
DC resistance :	0.1Ω.
Contact resistance :	20mΩ.

Jacks are compatible with 24-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJTL6A2WHB	Cat.6A Toolless Keystone Jack , STP with dust cover, White
DSC-KJTL6A2BKB	Cat.6A Toolless Keystone Jack , STP with dust cover, Black
DSC-KJTL6A2RDB	Cat.6A Toolless Keystone Jack , STP with dust cover, Red
DSC-KJTL6A2YLB	Cat.6A Toolless Keystone Jack , STP with dust cover, Yellow
DSC-KJTL6A2GRB	Cat.6A Toolless Keystone Jack , STP with dust cover, Green
DSC-KJTL6A2BLB	Cat.6A Toolless Keystone Jack , STP with dust cover, Blue
DSC-KJTL6A2ORB	Cat.6A Toolless Keystone Jack , STP with dust cover, Orange



Cat.6 UTP Tool-less Keystone Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- According to: ANSI / TIA-568-C.2
  ISO/IEC 11801, EN50173-2
  IEEE 802.3at (PoE + Application)
- UL Listed
- ETL Verified

DESCRIPTION

8P8C shielded RJ45 tool-less keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22 to 24 AWG solid.
Pin-pair assignment	T568A & T568B
Contacts	Phosphor bronze,50U" Gold painting.
Housing	PC,UL94V-0.

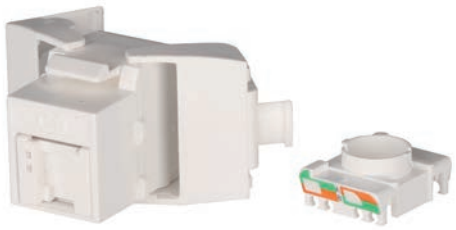
SPECIFICATIONS

Orientation	180°
Termination blocks	IDC (PC, UL 94V-0)
Insertion/withdrawal	750 cycles
Cable re-termination	30 cycles
Operating temperature	-10°Cto +60°C at 10-90% RH(non condensing)
Storage temperature range :	-40°C to +68°C.
Insulation resistance :	500 MΩ.
Dielectric withstanding voltage :	1000 V AC.
DC current rating :	1.5 Amps.
DC resistance :	0.1Ω.
Contact resistance :	20mΩ.

Jacks are compatible with 24-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJTLC61WHB	Cat.6 Toolless Keystone Jack , UTP with dust cover, White
DSC-KJTLC61BKB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Black
DSC-KJTLC61RDB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Red
DSC-KJTLC61YLB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Yellow
DSC-KJTLC61GRB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Green
DSC-KJTLC61BLB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Blue
DSC-KJTLC61ORB	Cat.6 Toolless Keystone Jack , UTP with dust cover, Orange



Cat.5E UTP Tool-less Keystone Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- According to: ANSI / TIA-568-C.2
  ISO/IEC 11801, EN50173-2
  IEEE 802.3at (PoE + Application)
- UL Listed

DESCRIPTION

8P8C shielded RJ45 tool-less keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22 to 24 AWG solid.
Pin-pair assignment	T568A & T568B
Contacts	Phosphor bronze,50U" Gold painting.
Housing	PC,UL94V-0.

SPECIFICATIONS

Orientation	180°
Termination blocks	IDC (PC, UL 94V-0)
Insertion/withdrawal	750 cycles
Cable re-termination	30 cycles
Operating temperature	-10°Cto +60°C at 10-90% RH(non condensing)
Storage temperature range :	-40°C to +68°C.
Insulation resistance :	500 MΩ.
Dielectric withstanding voltage :	1000 V AC.
DC current rating :	1.5 Amps.
DC resistance :	0.1Ω.
Contact resistance :	20mΩ.

Jacks are compatible with 24-port 1U panels

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJTL5E1WHB	Cat.5E Toolless Keystone Jack , UTP with dust cover, White
DSC-KJTL5E1BKB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Black
DSC-KJTL5E1RDB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Red
DSC-KJTL5E1YLB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Yellow
DSC-KJTL5E1GRB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Green
DSC-KJTL5E1BLB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Blue
DSC-KJTL5E1ORB	Cat.5E Toolless Keystone Jack , UTP with dust cover, Orange

Blank Patch Panels for Keystone Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24- port 1U blank patch panel

Type compatibility	Keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Insertion method	Back loading
Formation	24 ports (1U)
Back cable organizer	Yes

SPECIFICATIONS

Frame	SPCC
Operating temperature	-10 to +60ºC at 10-90% RH (non condensing)
Storage temperature	-40 to +68ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPTLUN3BK241	1U-24 port blank panel, w/cable management. (For UTP/STP), Black
DSC-PPTLUN3WH241	1U-24 port blank panel, w/cable management. (For UTP/STP), White

Angled Patch Panels for Cat.6A UTP Keystone Jacks

KEY FEATURES

- EU Directive 2011/65/EU (RoHS-2)
- Special item for Cat.6A UTP
- UL Listed

DESCRIPTION

24 port 1U angled patch panels

Type compatibility	Keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Insertion method	Back loading
Formation	24 ports (1U)
Back cable organizer	Yes

SPECIFICATIONS

Frame	SPCC
Operating temperature	-10 to +60ºC at 10-90% RH (non condensing)
Storage temperature	-40 to +68ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPTLUN3BK242	1U 24 port angled blank patch panel, w/ rear cable management(For UTP/STP)

Cat.6 UTP 90º Keystone Jacks

KEY FEATURES

- Category 6 Keystone Jack according to ANSI/TIA-568-C.2
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22 to 24 AWG SOLID
Pin-pair assignment	T568A & T568B
Contacts	Phosphor Bronze,50U" Gold Painting.
Shield	None
Housing	ABS,UL94V-0.
Standard color	White

SPECIFICATIONS

Orientation	90º
Termination blocks	110 IDC (PC,UL94V-0.)
Insertion/withdrawal	750 cycles
Cable re-termination	200 cycles
Operating temperature	-10ºC to +60ºC at 10-90% RH(non condensing)
STORAGE TEMPERATURE RANGE:	-40ºC to +68ºC
Insulation resistance:	500 MΩ.
Dielectric withstanding voltage:	1000 V AC.
DC current rating:	1.5 Amps.
DC resistance:	0.1Ω.
Contact resistance:	20mΩ.
Tool:	Punch down tool

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJPDC61WHA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, White
DSC-KJPDC61BKA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Black
DSC-KJPDC61RDA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Red
DSC-KJPDC61YLA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Yellow
DSC-KJPDC61GRA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Green
DSC-KJPDC61BLA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Blue
DSC-KJPDC61ORA	Cat.6 Keystone Jack , UTP 90 Degree , 110 IDC, Orange

Cat.5E UTP 90º Keystone Jacks

KEY FEATURES

- Category 5E Keystone Jack according to ANSI/TIA-568-C.2
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22 to 24 AWG solid
Pin-pair assignment	T568A & T568B
Contacts	Phosphor bronze,50U" Gold painting.
Shield	None
Housing	ABS,UL94V-0.
Standard color	White

SPECIFICATIONS

Orientation	90º
Termination blocks	110 IDC (PC,UL94V-0.)
Insertion/withdrawal	750 cycles
Cable re-termination	200 cycles
Operating temperature	-10ºC to +60ºC at 10-90% RH(non condensing)
Storage temperature range:	-40ºC to +68ºC
Insulation resistance:	500 MΩ.
Dielectric withstanding voltage:	1000 V AC.
DC current rating:	1.5 Amps.
DC resistance:	0.1Ω.
Contact resistance:	20mΩ.
Tool:	Punch down tool

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-KJPD5E1WHA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, White
DSC-KJPD5E1BKA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Black
DSC-KJPD5E1RDA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Red
DSC-KJPD5E1YLA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Yellow
DSC-KJPD5E1GRA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Green
DSC-KJPD5E1BLA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Blue
DSC-KJPD5E1ORA	Cat.5E Keystone Jack , UTP 90 Degree , 110 IDC, Orange

Cat.6 UTP Patch Panels

KEY FEATURES

- Category 6 channel acc. to ANSI/ TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 port unshielded panels

Frequency range	1-250 MHz
Panel front	4 modules of 6 RJ45 jacks
Panel back	SPCC
Color	Black

SPECIFICATIONS

Port contacts	Phosphor bronze,50U" Gold painting.
Insertion/Extraction durability	750 cycles
IDC termination durability	200 cycles for 22 to 24 AWG SOLID.
Operating temperature	-10ºC to +60ºC at 10-90% RH (non condensing)
Storage temperature range :	-40ºC to 68ºC.
Insulation resistance:	500 MΩ.
Dielectric withstanding voltage:	1000 V AC.
DC current rating:	1.5 Amps.
DC resistance:	0.1Ω.
Contact resistance:	20mΩ.
Tool:	Punch down tool

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPPDC61BK241	Cat.6 Patch Panel with Press-Up ID cover , UTP, 1U, 24 Ports ,110/Krone IDC

Cat 5E UTP Patch Panels

KEY FEATURES

- Category 5e channel acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 port unshielded panels

Frequency range	1-100 MHz
Panel front	4 modules of 6 RJ45 jacks
Panel back	SPCC
Color	Black
Housing	PBT UL 94V-0
Frame	SPCC

SPECIFICATIONS

Port contacts	50 Micro-Inch gold plating over the plated surface
Insertion/Extraction durability	750 cycles
IDC termination durability	200 cycles for 22 to 24 AWG
Operating temperature	-10 to +60ºC at 10-90% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Insulation resistance	500 MegaOhm min.

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-PPPD5E1BK241	Cat.5E Patch Panel with Press-Up ID cover , UTP, 1U, 24 Ports ,110/Krone IDC

114 x 70 Faceplates

KEY FEATURES

- UL94 V-0 flame test for ABS
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1- 2 port US Style faceplates

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	No
Color	White
Insertion method	Back loading

SPECIFICATIONS

Material	ABS,UL94V-0
Operating temperature	-10 to +60ºC at 10-90% RH(non condensing)
Storage temperature	-40 to +68ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBTL0F1RTVU1	114*70mm Vertical faceplate, 1 Port, Single gang,
DSC-FBTL0F2RTVU1	114*70mm Vertical faceplate, 2 Port, Single gang
DSC-FBTL0F1RTHU1	114*70mm Horizontal faceplate, 1 Port, Single gang,
DSC-FBTL0F2RTHU1	114*70mm Horizontal faceplate, 2 Port, Single gang
DSC-FBTL000RT	Single-gang Back box 75*115*38mm

86 x 86 Angled Faceplates

KEY FEATURES

- UL94 V-0 flame test for ABS
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1-2 port UK Style faceplates

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Optional
Color	White (other colors available)
Insertion method	Back loading

SPECIFICATIONS

Material	ABS,UL94V-0
Operating temperature	-10 to +60ºC at 10-90% RH(non condensing)
Storage temperature	-40 to +68ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBTL0F1SQHU2	86*86mm faceplate angled , wo/ shutter, 1 port
DSC-FBTL0F2SQHU2	86*86mm faceplate angled , wo/ shutter, 2 port
DSC-FBTL0F1SQHS2	86*86mm faceplate angled , w/ shutter, 1 port
DSC-FBTL0F2SQHS2	86*86mm faceplate angled , w/ shutter, 2 port
DSC-FBTL000SQ	Single-gang Back box ,86*86*37mm

Surface Mount Boxes

KEY FEATURES

- UL94 V-0 flame test for ABS
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1- 2 port surface mount boxes

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	No
Color	White
Insertion method	Back loading (inside the box)

SPECIFICATIONS

Material	ABS,UL94V-0
Operating temperature	-10 to +60ºC at 10-90% RH(non condensing)
Storage temperature	-40 to +68ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
DSC-FBTL0B1	Surface Mount Box 1 Port
DSC-FBTL0B2	Surface Mount Box 2 Port

Copper Solution

Punch Down Series

Cat.6 UTP180º Keystone Jacks

KEY FEATURES

- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White

SPECIFICATIONS

Orientation	180º
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	200 times
Operating temperature	-10 to +60ºC at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	125 VAC RMS.
Insulation resistance	100 MegaOhm min. @500 Vdc
Tool	Punch-down tool

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NKJ-C6WHI1B21	Cat.6 UTP 180º Punch Down Keystone Jack - White
NKJ-C6BLU1B21	Cat.6 UTP 180º Punch Down Keystone Jack - Blue
NKJ-C6RED1B21	Cat.6 UTP 180º Punch Down Keystone Jack - Red
NKJ-C6GRN1B21	Cat.6 UTP 180º Punch Down Keystone Jack - Green
NKJ-C6YEL1B21	Cat.6 UTP 180º Punch Down Keystone Jack - Yellow

Cat.5E UTP 180º Keystone Jacks

KEY FEATURES

- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22-24 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50µ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White

SPECIFICATIONS

Orientation	180º
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	200 times
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	125 VAC RMS.
Insulation resistance	100 Megohms Min @500 VDC
Tool	Punch-down tool

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NKJ-5EWHI1B21	Cat.5E UTP 180º Punch Down Keystone Jack - White
NKJ-5EBLU1B21	Cat.5E UTP 180º Punch Down Keystone Jack - Blue
NKJ-5ERED1B21	Cat.5E UTP 180º Punch Down Keystone Jack - Red
NKJ-5EGRN1B21	Cat.5E UTP 180º Punch Down Keystone Jack - Green
NKJ-5EYEL1B21	Cat.5E UTP 180º Punch Down Keystone Jack - Yellow

Cat.6 STP Patch Panels

KEY FEATURES

- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 or 48 port unshielded panels

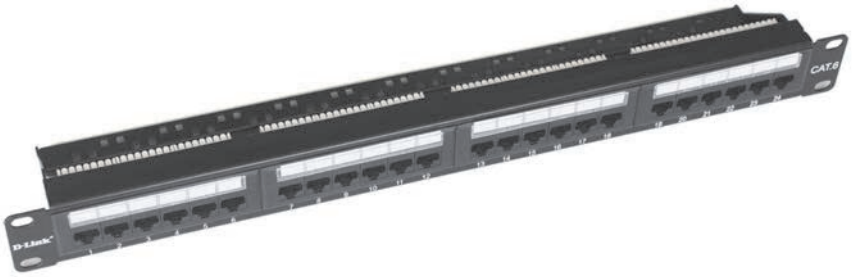
Frequency range	1-250 MHz
Color	Black
Shield	Yes
Housing	High impact FR compound
Frame	ST-12, Powder Coating in Black Color

SPECIFICATIONS

Port contacts	50µ-Inch gold plating
Insertion/Extraction durability	750 cycles
IDC termination durability	200 times
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	125 VAC RMS.
Insulation resistance	100 Megohms Min@500 VDC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NPP-C62BLK241	24 Port Cat.6 Shielded Fully Loaded Punch Down Patch Panel - Keystone Type with Shutter- 1U -Black Colour



Cat.6 UTP Patch Panels

KEY FEATURES

- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- UL Listed
- EU Directive 2011/65/EU/RoHS-2)

DESCRIPTION

24 or 48 port unshielded panels

Frequency range	1-250 MHz
Color	Black
Shield	None
Housing	High impact FR compound
Frame	ST-12, Powder Coating in Black Color

SPECIFICATIONS

Port contacts	50µ-Inch gold plating
Insertion/Extraction durability	750 cycles
IDC termination durability	200 times
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	125 VAC RMS.
Insulation resistance	100 Megohms Min@500 VDC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NPP-C61BLK241	24 Port Cat.6 Unshielded Fully Loaded Punch Down Patch Panel - Keystone Type -1U- Black Colour
NPP-C61BLK481	48 Port Cat.6 Unshielded Fully Loaded Punch Down Patch Panel - Keystone Type - 2U - Black Colour

Cat.5E UTP Patch Panels

KEY FEATURES

- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

24 or 48 port unshielded panels

Frequency range	1-100 MHz
Color	Black
Shield	None
Housing	High impact FR compound
Frame	ST-12, Powder Coating in Black Color

SPECIFICATIONS

Port contacts	50µ-Inch gold plating
Insertion/Extraction durability	750 cycles
IDC termination durability	200 times
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	125 VAC RMS.
Insulation resistance	100 Megohms Min@500 VDC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NPP-5E1BLK241	24 Port Unshielded Cat.5E Fully Loaded Punch Down Patch Panel - Keystone Type -1U- Black Colour
NPP-5E1BLK481	48 Port Unshielded Cat.5E Fully Loaded Punch Down Patch Panel - Keystone Type - 2U - Black Colour

US Style Faceplates

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)
- UL Listed

DESCRIPTION

1-4 port US Style faceplates

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Color	White
Insertion method	Back loading

SPECIFICATIONS

Material	High-impact flame retardant materials
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Storage temperature	-40ºC to +70ºC

ORDERING INFORMATION

PART CODE	DESCRIPTION
NFP-0WHI31	114*70mm, Horizontal Faceplate 1 Port
NFP-0WHI32	114*70mm, Horizontal Faceplate 2 Port
NFP-0WHI33	114*70mm, Horizontal Faceplate 3 Port, with 2 Blank Insert
NFP-0WHI34	114*70mm, Horizontal Faceplate 4 Port

UK Style Faceplates

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

1-4 port UK Style faceplates

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White
KSJ insertion method	Back loading

SPECIFICATIONS

Material	High-impact flame retardant materials
Operating temperature	-10ºC to +60ºC at 5-95% RH (non condensing)
Storage temperature	-40ºC to +70ºC

ORDERING INFORMATION

PART CODE	DESCRIPTION
NFP-0WHI11	Single Faceplate Accepts One Keystone Jack with Shutter & ID Plate - 86*86 mm - White Colour - Square
NFP-0WHI21	Dual Faceplate Accepts Two Keystone Jacks with Shutter & ID Plate- 86*86 mm - White Colour - Square
NFP-0WHI22	Dual Angular Faceplate Accepts Two Keystone Jacks with Shutter & ID Plate- 86*86 mm - White Colour - Square
NFP-0WHI41	Quad Faceplate Accepts Four Keystone Jack with Shutter & ID Plate- 146*86 mm - White Colour - Rectangle
NBB-111	Back Box For Quad Faceplate - 146*86*32 mm - Rectangle - White Colour
NBB-011	Back Box For Single, Dual Faceplate - 86*86*32 mm - Square - White Colour

Surface Mount Boxes

KEY FEATURES

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

DESCRIPTION

1-4 port surface mount boxes

Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading (inside the box)

SPECIFICATIONS

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60ºC at 5-95% RH (non condensing)
Storage temperature	-20 to +80ºC

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NKB-1WHI11	Single Keystone Box Accepts One Keystone Jack with Shutter - 65*37*30 mm - White Colour
NKB-1WHI21	Dual Keystone Box Accepts Two Keystone Jacks with Shutter - 65*63.2*30 mm-White Colour

Copper Solution

Others

1U & 2U Cable Manager

KEY FEATURES

- 1 RMU Plastic Organizer
- Helps organize and direct cables between patch panels
- Covers cables to provide protection

DESCRIPTION

D-Link Cable Manager will enable you to organize installations efficiently and neatly, to ensure that any change to your network is easy to manage. The product ensures that patch cords are held within the unit, and also ensures that the patch cord does not hang over your patch panels.

SPECIFICATIONS

Material	ABS
BURR	0.05mm MAX
Depth	87.5mm

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCM-M042	19" 2U Plastic cable manager with cover
NCM-M041	19" 1U Plastic cable manager with cover

1U Metal D-Ring Cable Manager, Silver

KEY FEATURES

- 1 RMU Metal Organizer
- Helps organize and direct cables between patch panels
- 5 D-Rings to provide protection

DESCRIPTION

D-Link Cable Manager will enable you to organize installations efficiently and neatly, to ensure that any change to your network is easy to manage. The product ensures that patch cords are held within the unit, and also ensures that the patch cord does not hang over your patch panels.

SPECIFICATIONS

Material	ST12
Body Color	Silver
BURR	0.05mm MAX

ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCM-M043	1U Metal D-Ring Cable Manager, Silver

GLOSSARY OF TERMS

The following glossary offers explanations for a number of terms used in this catalog. It additionally provides explanations for a number of other terms frequently used within the networking and cabling industries.

10BASE-T- 10 Mbps Ethernet using 2-pairs of Category 3 cable.
100BASE-T4- 100 Mbps Fast Ethernet using 4-pairs of Category 3 cable.
100BASE-TX- 100 Mbps Fast Ethernet using 2-pairs of Category 5 cable.
100VG-AnyLAN- 100 Mbps LAN using Demand Priority Protocol originally developed by Hewlett Packard and AT&Tfor Category 3 cable.
1000BASE-T- 1000 Mbps (1Gbps) Ethernet using 4-pairs of Category 5e cable.
1000BASE-TX- A low cost alternative to 1000BASE-T developed byTIA for Category 6 cabling.
1000BASE-SX- 1000 Mbps (1Gbps) Ethernet operating on multimode fiber with short wave lasers (850 nm).
1000BASE-LX- 1000 Mbps (1 Gbps) Ethernet operating on multimode fiber with long wave lasers (1300nm).
10GBASE-T- 10 Gbps Ethernet using 4-pairs of Category 6 or better cabling.
10GBASE-LR- 10 Gigabit Ethernet operating at long wavelength (1300nm) on singlemode optical fiber. 10GBASE-LR is the LAN version, 10GBASE-LW is the WAN version. Up to 10 Km reach.
10GBASE-LX4- 10 Gigabit Ethernet operating at long wavelength (1300nm) on multimode or singlemode optical fiber. Designed to overcome the imperfections of legacy multimode fiber, by utilizing 4 lasers and 4 detectors operating at different wavelengths. Up to 300 m reach on multimode, 10 Km on singlemode.
10GBASE-SR- 10 Gigabit Ethernet operating at short wavelength (850 nm) on laser optimized (OM3) multimode fiber. The lowest cost transceiver alternative, taking advantage of the advances in multimode fiber technology that eliminate the imperfections of legacy multimode. Up to 300m reach on laser optimized (OM3) multimode fiber (up to 550 m supported on enhanced OM3 fiber).

A

Alien Crosstalk-Signal coupling between adjacent cabling components (cables, connector) or between adjacent links or channels.
Application- A system, with its associated transmission method which is supported by telecommunications cabling.
Application Layer- The uppermost layer (layer7) of the open systems interconnection (OSI) model. This layer is concerned with support to the user application and is responsible for managing the communication between applications, e.g. Email, File transfer, etc.
Asynchronous-Two or more signals sourced from independent clocks, therefore having different frequency and phase relations.
Asynchronous Data Transfer- A method of data transfer in which each alphabetic or numeric character (represented by 7 or 8 bits) is preceded by 'start' and 'stop' bits to delineate the 7/8 bit pattern from the ideal pattern which otherwise occupies the (digital) transmission medium.
Asynchronous Transfer Mode (ATM)- A high-speed cell-based switching and multiplexing technology based on segmentation of voice, data and video into fixed packets (cells).These cells are transferred along switched paths and are not received on a regular basis (hence the term asynchronous).
Attenuation- The effect of signal dwindling, experienced with accumulating line length or distance or radio transmission.

B

Backbone(s)- The part of a premises distribution system that includes a main cable route and facilities for supporting the cable from the equipment room to the upper floors, or along the same floor to the wiring closets.
Balanced Twisted Pair Cable- A cable consisting of one or more metallic symmetrical cable elements (twisted pairs or quads).
Bandwidth- The range of frequencies that can be used for transmitting information on a channel. It indicates the transmission-carrying capacity of a channel. Thus, the larger the bandwidth, the greater the amount of information that can pass through the circuit. Measured in hertz or bits per second or Mhz-Km (for fiber).
Bit Error Rate (BER)- A measure of quality of a digital transmission line, either quoted as a percentage, or more usually as a ratio, typically 1 error in 10E8 or 10E9 bits carried. The lower the number of errors, the better the quality of the line.
Building Backbone Cable- A cable that connects the building distributor to a floor distributor. Building backbone cables may also connect floor distributors in the same building.
Building Distributor- A distributor in which the building backbone cable(s) terminate(s) and at which connections to the campus backbone cable(s) may be made.
Building Entrance Facility- A facility that provides all necessary mechanical facility and electrical services, that complies with all relevant regulations, for the entry of telecommunications cables into a building.
BUS- Consists of a common transmission path with a number of nodes attached to it. Sometimes referred to as linear network topology.

C

Cabling- A system of telecommunications cables, cords and connecting hardware that can support the connection of information technology equipment.
Campus- A premises containing more than one building adjacent or near to one another.
Campus Backbone Cabling- A cable that connects the campus distributor to the building backbone distributor(s). Campus backbone cables may also connect building distributors directly.
Category 3- Industry standard for cable and connecting hardware products with transmission characteristics specified to 16 MHz, designed to support digital transmission of 10 Mbps.
Category 5- Industry standard for cable and connecting hardware products with transmission characteristics specified to 100 MHz, intended to support digital transmission of 100 Mbps.
Category 5e- Enhanced Category 5 specifications for cable and connecting hardware products with transmission characteristics specified to 100 MHz, intended to support digital transmission of 1000 Mbps.
Category 6- Industry standard for cable and connecting hardware products with transmission characteristics specified to 250 MHz, designed to support digital transmission in excess of 1000 Mbps.
Category 6A- Industry standard for cable and connecting hardware products with transmission characteristics specified to 500 MHz, designed to support digital transmission of 40 Gbps.
CENELEC- European committee for electrotechnical standardization.
CENELEC En50173- The European standard for generic cabling for customer premises.

CENELEC En50174- A proposed European cabling systems planning & installation standard being developed byCENELEC.
Channel- The end-to-end transmission path connecting any two pieces of application-specific equipment. Equipment cables and work area cables are included in the channel.
Consolidation Point- An interconnection point in horizontal cabling, typically used to support the re-arrangement of furniture cloisters.
Cross-connect- A facility enabling the termination of cable elements and their connection, primarily by means of patch cords or jumpers.
Crosstalk- An electromagnetic coupling between two physically isolated circuits in a system. This coupling causes a signal on one circuit to induce a noise voltage on adjacent circuits, thereby causing signal interference.

D
Decibel (dB)- A unit used to measure relative increase or decrease in power, voltage or current, using a logarithmic scale.
Digital Transmission- A technique in which all information is converted into binary digits for transmission.
Distributor- The terms used for the functions of a collection of components (i.e. patch panels, patch cords) used to connect cables.

E
EIA/TIA- North American Standards organization.
EIA/TIA 568B- North American commercial building telecommunications wiring standard.
Ethernet- A LAN originally developed by DEC, Xerox and Intel. It used the CSMA/CD protocol.

F
Fast Ethernet- A 100 Mbps LAN based on CSMA/CD protocol. See 100BASE-T.
Fiber- See Optical Fiber.
Fiber Channel- This is an ANSI standard describing point to point and switched point to point physical interface, transmission protocol, signaling protocol, services and command set mapping of a high performance serial link for uses between mainframe computers and computer peripherals.
Fiber Distributed Data Interface (FDDI)- An American National Standards Institute standard for fiber-based token passing access protocol that operates at a 100 Mbps data transfer rate.
Foil Screened Twisted Pair Cable (FTP)- A cable that uses a metallic foil to surround the conductors in a twisted pair cable.
Full Duplex- Simultaneous two-way communication on the same link or cabling channel.
Full Duplex Ethernet- Full duplex Ethernet allows nodes to transmit and receive data at the same time, doubling throughput between work-station and switch.

G
Generic Cabling- A structured telecommunications cabling system, capable of supporting a wide range of applications. Generic cabling can be installed without prior knowledge of the required applications. Application-specific hardware is not a part of generic cabling.

H
Half Duplex- Two-way transmission on a single link or cabling channel, one direction at a time.
Horizontal Cable- A cable connecting the floor distributor to the telecommunications outlet(s).
Horizontal Subsystem- The part of the premises distribution system installed on one floor that includes the cabling and distribution components connecting the riser backbone or equipment wiring to the information outlet.
Hub- A concentrator or repeater in a star topology at which node connections meet.
Hybrid Cable- An assembly of two or more different types of cable units, cables or categories covered by an overall sheath. It mat be covered by an overall shield.

I
IEC 60332- The international standard covering fire performance of cables.
IEEE- Institute of Electrical and Electronic Engineers in the USA. This organization is also involved in producing Local Area Network standards such as Ethernet.
Individual Pair Screened- Where each twisted pair in one overall cable has its own screen.
Integrated Services Digital Network (ISDN)- Integrated voice and data network based on digital communications technology and standards interfaces.
Intelligent Buildings- Buildings that maximize the efficiency of its occupants and allow effective management of resources with minimum of resources with minimum life-time costs (Source: European Intelligent Building Group).
Interconnect- A location at which equipment cables are terminated and interconnected to the cabling subsystems without using a patch cord or jumper.
Interference- A signal impairment caused by the interaction of another unwanted signal.
ISO- International Standards Organization.
ISO/IEC IS 11801- The international standard for generic cabling for customer premises.
ISO/IEC 14763-1- The international standard for generic cabling.

L
Local Area Network(s) (LANs)- A LAN allows users to share information and computer resources. Typically a local area network is limited to a single building.

M
Multimedia- A means of conveying information with components in different media such as voice, music, text, graphics, image and video.

Multimode Fiber- Optical fibers that have a large core and that permit non-axial rays or modes to propagate through the core.

N
Network Architecture- Network topology and design.
Network Interface Cards (NICs)- The piece of equipment that is installed into the expansion port of a personal computer and allows communication between the PC and the network.
Network Layer- The network layer is layer 3 of the OSI mode. This layer sets up an end-to-end connection across a network determining which permutation of individual links to be used.Thus the network layer performs overall routing functions.
Node(s)- A piece of communications equipment on the network.
Noise- The term used for spurious signals produced in a conductor by sources other than the transmitter to which it is connected. Noise can affect a legitimate signal to the extent that it is inaccurate or indecipherable when it reaches the receiver. The higher the speed of data transmission, the worse the effects of noise become.

O
Open System Interconnection (OSI)- A conceptual model specified by CCITT recommendations in the X200 series. The model describes the 7-layer process of communication between co-operating computers. The model provides a standard for the development of communication protocols allowing for computers of different manufacturers to be interconnected.

Optical Fiber- A transmission medium consisting of a core of glass or plastic surrounded by a protective cladding. Signals are transmitted as light pulses, introduced into the fiber by a light transmitter (i.e. Laser or an LED).
Outlets- A term used to describe the sockets provided in the work location of a structured cabling system. These are usually 8-pin modular sockets which can support a variety of services (i.e. voice, video and data).

P
Patch Cord(s)- Flexible cable unit or element with connector(s), used to establish connections on a patch panel.
Patch Panel(s)- Termination and administration hardware designed to accommodate the use of patch cords. It facilitates administration for moves and changes.
Pathway(s)- Designated cable routes and/or support structures on a false floor or ceiling. Peripheral(s)- Additions to a system, a resource (i.e. printer, scanner, etc.)
Permanent Link- The transmission path between two mated interfaces of generic cabling, excluding equipment cables, work area cables and cross-connections.
Physical Layer- Layer 1 of the open systems interconnection (OSI) model. The physical layer protocol is the hardware and software in the line terminating device which converts the data bits needed by the datalink layer into the electrical pulses, modern tones, optical signals or other means which will transmit the data.
Physical Topology- Physical cabling layout (i.e. ring, bus, star wired etc.)
Ports- A computer interface capable of transmitting and or receiving information.
PowerSum- A method of testing and measuring crosstalk in multi-pair cables that accounts for the sum of crosstalk affecting a pair when all other pairs are active. This is the only method of specifying crosstalk performance that is suited to cables with more than four pairs.
Protocol(s)- Systems that are not standards specific and therefore are not interoperable with standards based equipment.

R
Raceway- Any distribution method designed for holding cables, (i.e. conduit, metal or plastic trunking, cable trays, etc.)
Redundancy Risers- A fail-safe method of splitting and routing riser/backbone cabling via two or more riser cores. Also known as diverse routing.
Riser(s)- The term used to describe a space utilized by backbone cabling to house communications cabling and other building services. This space should preferably be specified, or allowed for, at the time of the building design.
Router(s)- An intermediate system between two or more networks capable of forwarding data packets at the networks layer (layer3).

S
Screened Cable- See foil screened twisted pair cable.
Simplex- A transmission means allowing only one direction of transmission. (i.e. public broadcast radio.)
Singlemode- Optical fiber with a small core diameter in which only singlemode is capable of propagation, 8.3 micron is the common standard core size.
Splice- A joining of conductors or fibers, generally from separate cables.
Star- A physical point to point network topology.
Structured Cabling- Flexible cabling scheme which allows rapid reconfiguration for office moves through patching.
Switching- A function carried out by a switching hub, alleviating traffic by making virtual connections between transmitting and receiving nodes.
Synchronization- The method by which the bit patterns appearing on digital line systems may be properly clocked and interpreted — allowing the beginning of particular patterns and frame formats to be correctly identified.
Synchronous- Signals that are sourced from the same timing reference and hence are identical in frequency.

T
Telecommunications- A branch of technology concerned with the transmission, emission and reception of signals, writing, images and sounds; that is, information of any nature by cable, radio, optical or other electromagnetic systems.
Telecommunications Closet- An enclosed space for housing telecommunications equipment, cable terminations, and cross-connect cabling. The telecommunications closet is a recognized cross-connect point between the backbone and horizontal cabling subsystems.
Telecommunications Outlet- A socket where the horizontal cable terminates. The telecommunications outlet provides the interface to work area cabling.
Token Ring- The transmission medium used for IEEE 802.3 10BASE-2LANs. It is a 50 ohm thick coax cable (commonly referred to as Cheaper Net). It is a 50 ohm thin coax cable.
Topology- The physical or logical configuration of a telecommunications system.
Twisted Pair(s)- A cable element conducting cable comprising one or more pairs none of which is shielded.

V
VCSEL- Vertical Cavity Surface Emitting Laser.
Video Conferencing- Real time communications via video between two or more users at separate locations.

W
Wide Area Networks (WANS)- Networks that are linked across a large geographical area generally using leased lines from a public operator.
Wireless LAN- Local area network that communicates using radio technology.
Work Area- A building space where the occupants interact with telecommunications terminal equipment. A user's work area which is typically 9 sq. meter or 100 sq. ft.
Work Area Cable- A cable connecting telecommunications outlet to the terminal equipment.

The D-Link environmental policies show its commitment for building an evolutionary and sustainable world. The recognition of this conduct came with achievements such as the Certificate of ISO 14001:2015 for Environmental Management granted by SGS United Kingdom Ltd. to the industrial unit.
Good examples are the waste management that contributes for products and raw materials recycling and the LSZH (Low Smoke Zero Halogen) or LSOH cables which contribute to the low emission of toxic gases and smoke.

D-Link Corporation has been assessed and certified as meeting the requirements of ISO 9001:2015 & ISO 14001:2015.


SGS

Certificate TW16/00200

The management system of

D-Link Corporation

No. 289, Xinhu 3rd Rd., Neihu District, Taipei City 11494, Taiwan, R.O.C.

has been assessed and certified as meeting the requirements of

ISO 14001:2015

For the following activities

Design, Development & Marketing of Wired and Wireless Network Products, including Hardware, Software and Services of LAN & WAN Products, Broadband Access Products, Home Networking Products, IP Telephony Products, Network Content Server / Storage Server, Networked Multimedia Devices, Network Security Devices, Network Cameras, Mobile Products, USB Devices and Other Networks, Communication related Products.

This certificate is valid from 29 October 2018 until 29 October 2021 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 2. Certified since 07 March 2016

Authorised by

SGS United Kingdom Ltd
Rosemore Business Park Ellesmere Port Cheshire CH65 3EN UK
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HC SGS14001 2015 0818

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IAF

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0005


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Certificate TW12/11967

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ISO 9001:2015

For the following activities

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Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization

This certificate is valid from 01 November 2016 until 01 November 2019 and remains valid subject to satisfactory surveillance audits.
Re certification audit due before 27 September 2019
Issue 4. Certified since 01 November 2010

Authorised by

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0005

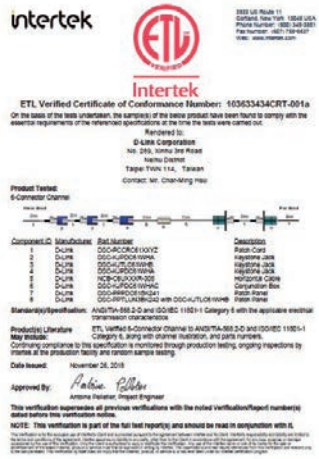
ROHS COMPLIANT

The European RoHS directive restricts the use of certain hazardous substances in electrical and electronic equipments and stimulates the reuse of products and determines a proper management, with the objective to improve the effectiveness of the environmental protection by reducing the amount of industrial waste and the risk of the components.
D-Link meets the RoHS requirement for the entire line of structured cabling.

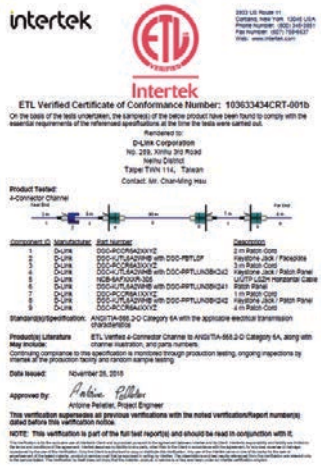
RoHS

D-Link Cabling Certification

D-Link has many cabling certificates to show the product quality.
They come from UL, ETL, CE/CPR certificates and EC Verified Program in Europe.
D-Link is the professional manufacturer awarded these certification in Asia.


intertek

ETL Verified Certificate of Conformance Number: 103633434CRT-001a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Compliance Statement No. 2018-582


Compliance Statement No. 2018-584


Compliance Statement No. 2018-581

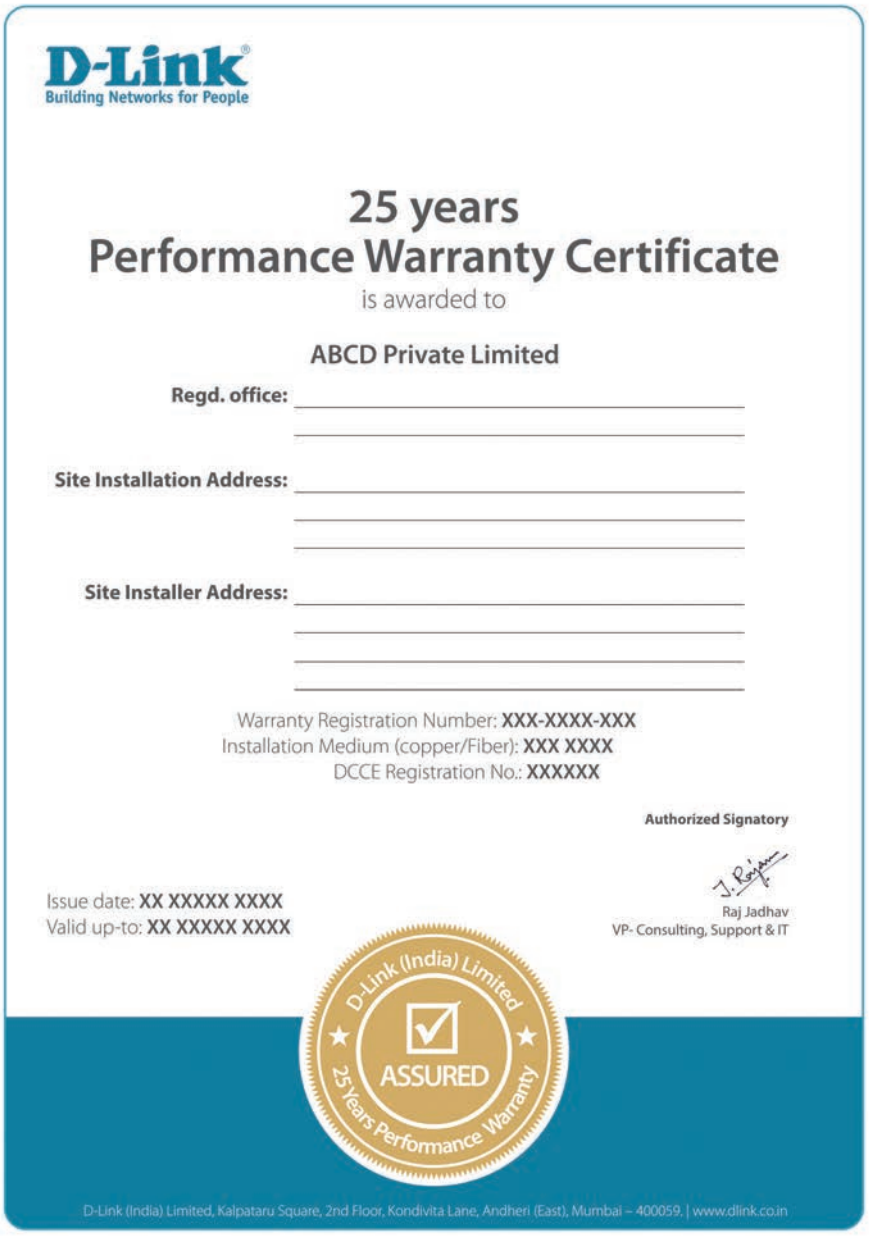

Compliance Statement No. 2018-583


DUXR.E345975
Communications-, Audio/Video-, Data- and Other Signaling-circuit Accessories


DUZX.E340539
Communications Cable

25 YEARS STRUCTURED CABLING PERFORMANCE WARRANTY

Benefit from D-Link's 25-years performance warranty applicable to
all D-Link Cabling and Copper products.



D-Link
Building Networks for People

25 years
Performance Warranty Certificate
is awarded to

ABCD Private Limited

Regd. office: _____

Site Installation Address: _____

Site Installer Address: _____

Warranty Registration Number: XXX-XXXX-XXX
Installation Medium (copper/Fiber): XXX XXXX
DCCE Registration No.: XXXXXX

Authorized Signatory

Raj Jadhav
VP- Consulting, Support & IT

Issue date: XX XXXXX XXXX
Valid up-to: XX XXXXX XXXX

D-Link (India) Limited
ASSURED
25 Years Performance Warranty

D-Link (India) Limited, Kalpataru Square, 2nd Floor, Kondivita Lane, Andheri (East), Mumbai – 400059. | www.dlink.co.in

D-LINK EMPOWERS PARTNERS WITH DCCE CERTIFICATION

D-Link Certified Cabling Expert' (DCCE) program has been established with the objective of imparting enhanced knowledge on structured cabling to the engineers & technicians of its System Integrators.

The 2 day DCCE program is conducted by a team specializing in structured cabling domain from D-Link, who offer participant with in-depth information on the technical aspect of the subject, evaluate trends for both Copper and Fiber products, and train them to design, install & also conduct post implementation testing of D-Link passive networking components for Infrastructure Projects.

On the very first day, participants were introduced to Copper cabling and covered topics like Information transportation system, Evolution of structured cabling, Basic concepts of topology, SCS standards, Categories of copper cables, Field testing & Installation requirements along with practical's. While on the second day, the focus is on Fiber cabling and it covers topics like Basics of optical fiber, Fiber theory & hands-on, Key definitions, Different types of fiber cables, Fiber cable construction, Fiber optic components & OFC cabling considerations.

After the 2 day program, participants have to undergo an exam, and once certified as DCCE they will be in a position to validate projects wherein D-Link structured cabling products are implemented, with 25 years performance warranty.

To register for the DCCE certification program, participants can log on to http://www.dlink.com

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