HTL®

HTL PASSIVE CONNECTIVITY SOLUTIONS

For Faster & Better Connectivity

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PRODUCT CATALOG
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ABOUT US

HTL Ltd. is a subsidiary of HFCL Ltd. (formerly Himachal Futuristic Communications Ltd)

As an Industry acclaimed passive components manufacturer in India, HTL Ltd's fiber and copper cabling solutions for faster & enhanced connectivity experience are the product of choice for leading Indian as well as global telecom hardware manufacturers. Today, our fiber & copper solutions help enterprises to manage their converged networks by providing plenty of bandwidth headroom for future growth.

HTL offers a complete range of fiber cable assemblies which are factory-connectorized to produce unsurpassed connectivity while our copper cable assemblies provide dependable high performance cabling infrastructure that would last long into the future. Similarly, our cabinets portfolio is helping telecom players to reimagine network hardware and cable management systems. Our entire range of products meets and exceeds the performance requirements of Central Office, Outside Plant, FTTH, LAN, security surveillance and data center cabling applications.

All of our products meet IEC, EIA/TIA, TSEC & GR326 Standards. Our products are easy to install, future ready with minimum installation and reduce time spent on sites as well as operating costs. Our products are manufactured with the best in class latest technologies to provide fast deployment, provisioning and long-term reliability thereby enabling us to be the preferred partner to build future ready high bandwidth networks for enterprises of today and tomorrow.

Located in Chennai India, our fully integrated passive components facility for design, engineering & manufacturing of an entire gamut of passive components is certified to ISO & other relevant global standards.

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FIBER OPTIC PATCH PANEL 1U RACK MOUNT TYPE

HTL Passive Connectivity Solutions provides variety of fiber optic patch panel for fiber management systems (FMS) applications. Fiber management system panels are used to provide cable interconnections between communication facilities integrating fiber splicing, fiber terminations and fiber patching with fiber cable connections together in a single unit. It can also work as a protective device to secure fiber optic connections from physical damages during operations.

PRODUCT FEATURES

- 1U sliding drawer type
- Indoor installation grade
- Powder coated CRCA panel
- Front removable adapter plate
- Adequate cable storage space
- Pre-installed with breakout tube for fan out fibers
- Provided with ABS splice tray for splice management
- Provided with pigtail trumpets for guiding fiber pigtails
- Provided with FRP and cable sheath clamping for rear cable entry

FIBER TERMINATIONS

- Fusion splicing
- Direct patching
- Distribution network
- Fiber capacity 24F/48F

APPLICATIONS

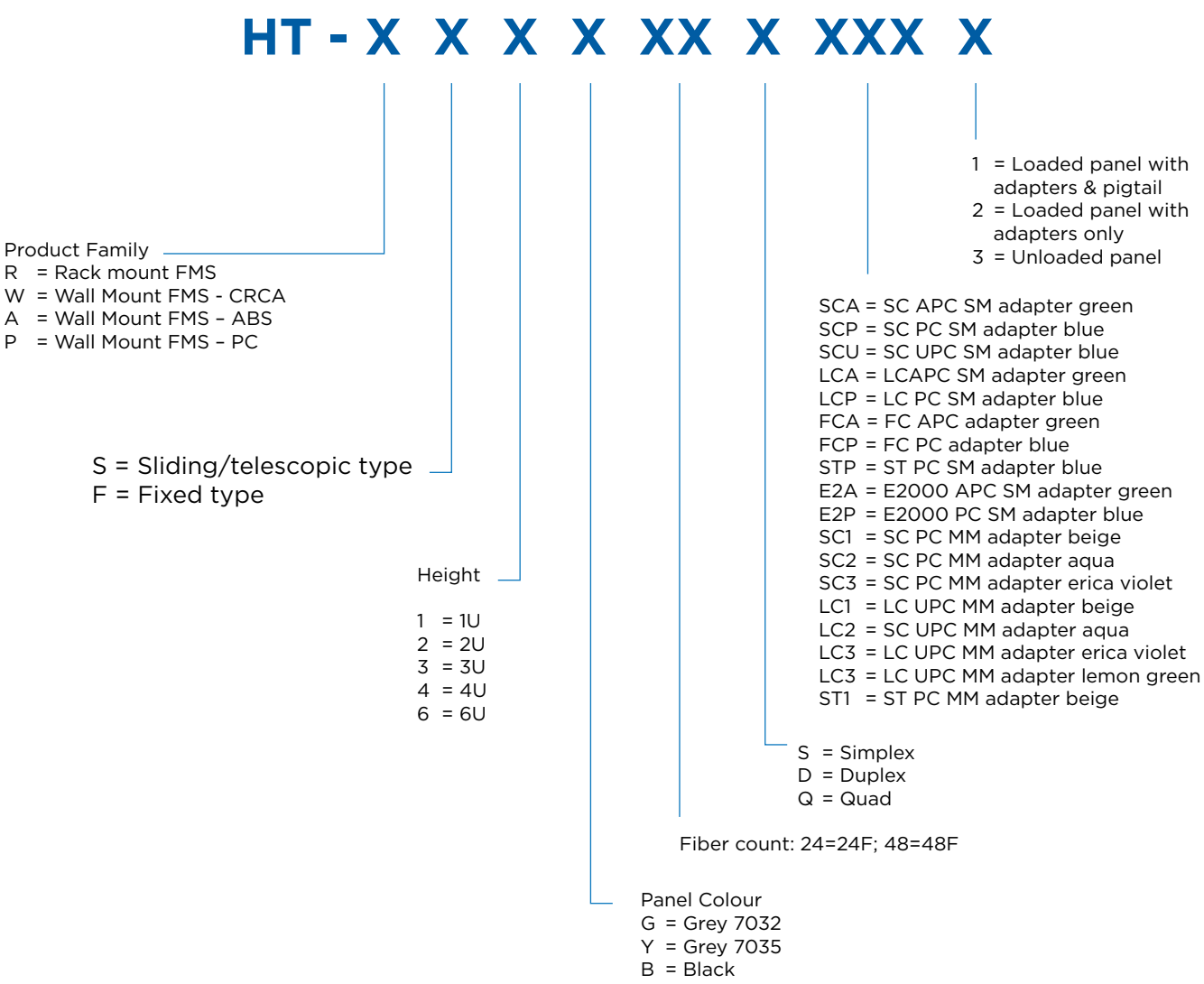
- Data center
- Central office
- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct FMS panel configuration



ORDERING DETAILS

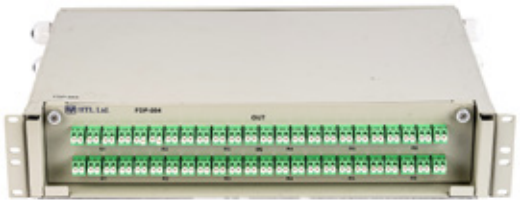
Fiber	Part code	Product description
24F	HT-RS1G24SSCA1	1U 24F SM SCAPC Simplex FMS Panel Loaded
12F	HT-RS1G12SSCA1	1U 12F SM SCAPC Simplex FMS Panel Loaded
24F	HT-RS1G24DLCA1	1U 24F SM LC APC Duplex FMS Panel Loaded
24F	HT-RS1G24DSCP1	1U 24F SM SC PC Duplex FMS Panel Loaded
48F	HT-RS1G48DLCA1	1U 48F SM LC APC Duplex FMS Panel Loaded
24F	HT-RS1G24DLCP1	1U 24F SM LC PC Duplex FMS Panel Loaded
48F	HT-RS1G48DLCP1	1U 48F SM LC PC Duplex FMS Panel Loaded
24F	HT-RS1G24DLC21	1U 24F MM OM3 LC PC Duplex FMS Panel Loaded
24F	HT-RS1G24DLC31	1U 24F MM OM4 LC PC Duplex FMS Panel Loaded
48F	HT-RS1G48DLC21	1U 48F MM OM3 LC PC Duplex FMS Panel Loaded
48F	HT-RS1G48DLC31	1U 48F MM OM4 LC PC Duplex FMS Panel Loaded

All product images, specifications are for reference purpose and are subjected to change without notice

FIBER OPTIC PATCH PANEL 2U RACK MOUNT TYPE

HTL Passive Connectivity Solutions provides variety of Fiber Optic Patch Panel for Fiber Management systems (FMS) applications. Fiber management system panels are used to provide cable interconnections between communication facilities integrating fiber splicing, fiber terminations and fiber patching with fiber cable connections together in a single unit. It can also work as a protective device to secure fiber optic connections from physical damages during operations.

PRODUCT FEATURES



- 2U sliding drawer type
- Indoor installation grade
- Powder coated CRCA panel
- Front removable adapter plate
- Adequate cable storage space
- Pre-installed with breakout tube for fan out fibers
- Provided with ABS splice tray for splice management
- Provided with pigtail trumpets for guiding fiber pigtails
- Provided with FRP and cable sheath clamping for rear cable entry

FIBER TERMINATIONS

- Fusion splicing
- Direct patching
- Distribution network
- Fiber capacity 24F/48F/96F

APPLICATIONS

- Data center
- Central office
- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct FMS panel configuration

HT - X X X X XX X XXX X

Product Family
R = Rack mount FMS
W = Wall Mount FMS - CRCA
A = Wall Mount FMS – ABS
P = Wall Mount FMS – PC

S = Sliding/telescopic type
F = Fixed type

Height

1 = 1U
2 = 2U
3 = 3U
4 = 4U
6 = 6U

Panel Colour
G = Grey 7032
Y = Grey 7035
B = Black

Fiber count: 24=24F; 48=48F 96=96F

S = Simplex
D = Duplex
Q = Quad

SCA = SC APC SM adapter green
SCP = SC PC SM adapter blue
SCU = SC UPC SM adapter blue
LCA = LCAPC SM adapter green
LCP = LC PC SM adapter blue
FCA = FC APC adapter green
FCP = FC PC adapter blue
STP = ST PC SM adapter blue
E2A = E2000 APC SM adapter green
E2P = E2000 PC SM adapter blue
SC1 = SC PC MM adapter beige
SC2 = SC PC MM adapter aqua
SC3 = SC PC MM adapter erica violet
LC1 = LC UPC MM adapter beige
LC2 = SC UPC MM adapter aqua
LC3 = LC UPC MM adapter erica violet
LC3 = LC UPC MM adapter lemon green
ST1 = ST PC MM adapter beige

1 = Loaded panel with adapters & pigtail
2 = Loaded panel with adapters only
3 = Unloaded panel

ORDERING DETAILS

Fiber	Part code	Product description
48F	HT-RS2G48SSCA1	2U 48F SM SCAPC Simplex FMS Panel Loaded
24F	HT-RS2G24SSCA1	2U 24F SM SCAPC Simplex FMS Panel Loaded
48F	HT-RS2G48DLCA1	2U 48F SM LC APC Duplex FMS Panel Loaded
48F	HT-RS2G48DSCP1	2U 48F SM SC PC Duplex FMS Panel Loaded
96F	HT-RS2G96DLCA1	2U 96F SM LC APC Duplex FMS Panel Loaded
48F	HT-RS2G48DLCP1	2U 48F SM LC PC Duplex FMS Panel Loaded
96F	HT-RS2G96DLCP1	2U 96F SM LC PC Duplex FMS Panel Loaded
48F	HT-RS2G48DLC21	2U 48F MM OM3 LC PC Duplex FMS Panel Loaded
48F	HT-RS2G48DLC31	2U 48F MM OM4 LC PC Duplex FMS Panel Loaded
96F	HT-RS2G96DLC21	2U 96F MM OM3 LC PC Duplex FMS Panel Loaded
96F	HT-RS2G96DLC31	2U 96F MM OM4 LC PC Duplex FMS Panel Loaded

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FIBER ACCESS TERMINATION BOX

WALL MOUNT INDOOR/OUTDOOR FIBER TERMINAL BOX: 6-48F - PLASTIC

HTL Passive Connectivity Solutions wall mount fiber access terminal (FAT) box is designed to provide easy patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. This FAT is used for both indoor & outdoor applications. This FAT can also be used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx applications.

PRODUCT FEATURES

- IP-65 rated
- Ample storage for slack
- Installation: Indoor/Outdoor wall mount type
- Constructed of high quality PC/ABS material
- Available with unloaded and loaded variants
- Accommodates multimode and single mode fibers
- Accommodates 1:8 SC, 1:16 SC, 1:32 SC/LC PLC splitters
- Accommodates 24 Simplex SC and 24 Duplex LC adapters
- Single door type - can be flipped over for ease of access and maintenance
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Accommodates all cables below 12mm outdoor/indoor cables and 3mm OD soft cables

APPLICATIONS

- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
24F	HT-AFXG24SXXX3	24F Wall Mount Type FAT - Unloaded
24F	HT-AFXG24SSCA2	24F Wall Mount Type FAT - loaded with SM SCAPC Adapters
24F	HT-AFXG24SSCP2	24F Wall Mount Type FAT - loaded with SM SC PC Adapters
48F	HT-AFXG48DLCA2	48F Wall Mount Type FAT - loaded with SM LCAPC Adapters
48F	HT-AFXG48DLCP2	48F Wall Mount Type FAT - loaded with SM LC PC Adapters

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FIBER ACCESS TERMINATION BOX

WALL MOUNT INDOOR/OUTDOOR FIBER TERMINAL BOX: 6-96F - PLASTIC

HTL Passive Connectivity Solutions wall mount fiber access terminal (FAT) box is designed to provide easy patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. This FAT is used for both indoor & outdoor applications. This FAT can also be used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx applications.

PRODUCT FEATURES

- IP-65 rated
- Ample storage for slack
- Installation: Indoor/Outdoor wall mount type
- Constructed of high quality PC/ABS material
- Available with unloaded and loaded variants
- Accommodates multimode and single mode fibers
- Accommodates 48 Simplex SC and 48 Duplex LC adapters
- Accommodates 1:8 SC, 1:16 SC, 1:32. 1:64 SC/LC PLC splitters
- Single door type - can be flipped over for ease of access and maintenance
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Accommodates all cables below 12mm outdoor/indoor cables and 3mm OD soft cables

APPLICATIONS

- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
48F	HT-AFXG48SXXX3	48F Wall Mount Type FAT - Unloaded
48F	HT-AFXG48SSCA2	48F Wall Mount Type FAT - loaded with SM SCAPC Adapters
48F	HT-AFXG48SSCP2	48F Wall Mount Type FAT - loaded with SM SC PC Adapters
96F	HT-AFXG96DLCA2	96F Wall Mount Type FAT - loaded with SM LCAPC Adapters
96F	HT-AFXG96DLCP2	96F Wall Mount Type FAT - loaded with SM LC PC Adapters

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FIBER ACCESS TERMINATION BOX

WALL MOUNT INDOOR FIBER TERMINAL BOX: 6-48F - METAL

HTL Passive Connectivity Solutions wall mount fiber access terminal (FAT) box is designed to provide easy patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. This FAT is used for both indoor applications. This FAT can also be used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx applications.

PRODUCT FEATURES

- IP-55 rated
- Ample storage for slack
- Installation: Indoor wall mount type
- Available with unloaded and loaded variants
- Constructed of powder coated CRCA material
- Accommodates multimode and single mode fibers
- Accommodates 1:8 SC, 1:16 SC, 1:32 SC/LC PLC splitters
- Accommodates 24 Simplex SC and 24 Duplex LC adapters
- Single door type - can be flipped over for ease of access and maintenance
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Accommodates all cables below 12mm outdoor/indoor cables and 3mm OD soft cables

APPLICATIONS

- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
24F	HT-AWXG24SXXX3	24F Wall Mount Type FAT Metal Box - Unloaded
24F	HT-AWXG24SSCA2	24F Wall Mount Type FAT Metal Box - loaded with SM SCAPC Adapters
24F	HT-AWXG24SSCP2	24F Wall Mount Type FAT Metal Box - loaded with SM SC PC Adapters
48F	HT-AWXG48DLCA2	48F Wall Mount Type FAT Metal Box - loaded with SM LCAPC Adapters
48F	HT-AWXG48DLCP2	48F Wall Mount Type FAT Metal Box - loaded with SM LC PC Adapters

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FIBER ACCESS TERMINATION BOX

WALL MOUNT INDOOR FIBER TERMINAL BOX: 6-96F - METAL

HTL Passive Connectivity Solutions wall mount fiber access terminal (FAT) box is designed to provide easy patching, storing fiber terminations for feeder cables, branch cable, direct connection and allocation. This FAT is used for both indoor applications. This FAT can also be used to mount passive splitters and install fiber in small and medium size multi dwelling units (MDU's) for FTTx applications.

PRODUCT FEATURES

- IP-55 rated
- Ample storage for slack
- Installation: Indoor wall mount type
- Available with unloaded and loaded variants
- Constructed of powder coated CRCA material
- Accommodates multimode and single mode fibers
- Accommodates 1:8 SC, 1:16 SC, 1:32, 1:64 SC/LC PLC splitters
- Accommodates 48 Simplex SC and 48 Duplex LC adapters
- Single door type - can be flipped over for ease of access and maintenance
- Can be preloaded with SC, LC adapters and pre-terminated cable assemblies
- Accommodates all cables below 12mm outdoor/indoor cables and 3mm OD soft cables

APPLICATIONS

- Premise cabling
- FTTH access networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
48F	HT-AWXG48SXXX3	48F Wall Mount Type FAT Metal Box - Unloaded
48F	HT-AWXG48SSCA2	48F Wall Mount Type FAT Metal Box - loaded with SM SCAPC Adapters
48F	HT-AWXG48SSCP2	48F Wall Mount Type FAT Metal Box - loaded with SM SC PC Adapters
96F	HT-AWXG96DLCA2	96F Wall Mount Type FAT Metal Box - loaded with SM LCAPC Adapters
96F	HT-AWXG96DLCP2	96F Wall Mount Type FAT Metal Box - loaded with SM LC PC Adapters

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FIBER WALL TERMINATION BOX
HOME ACCESS: 1-4F

HTL Passive Connectivity Solutions provides variety of Fiber Termination Box (FTB) for local area networks and FTTH applications

PRODUCT FEATURES

- Holds up to maximum four fibers
- Wall mount and surface mount type
- Constructed of high quality ABS material
- Available in loaded and unloaded options
- Compact design, small size for easy installation

APPLICATIONS

- FTTH network
- Local area network (LAN), FTTD

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
1F	HT-FTB1FU	1F FTB – Unloaded
1F	HT-FTB1FSCA0	1F FTB – Loaded with SM SC APC Adapter and G652D Pigtail
1F	HT-FTB1FSCA1	1F FTB – Loaded with SM SC APC Adapter and G657A1 Pigtail
1F	HT-FTB1FSCA2	1F FTB – Loaded with SM SC APC Adapter and G657A2 Pigtail
2F	HT-FTB2FU	2F FTB – Unloaded
2F	HT-FTB2FSCA0	2F FTB – Loaded with SM SC APC Adapter and G652D Pigtail
2F	HT-FTB2FSCA1	2F FTB – Loaded with SM SC APC Adapter and G657A1 Pigtail
2F	HT-FTB2FSCA2	2F FTB – Loaded with SM SC APC Adapter and G657A2 Pigtail
4F	HT-FTB4FU	4F FTB – Unloaded
4F	HT-FTB4FSCA0	4F FTB – Loaded with SM SC APC Adapter and G652D Pigtail
4F	HT-FTB4FSCA1	4F FTB – Loaded with SM SC APC Adapter and G657A1 Pigtail
4F	HT-FTB4FSCA2	4F FTB – Loaded with SM SC APC Adapter and G657A2 Pigtail

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PLC OPTICAL SPLITTER BARE TYPE 1XN & 2XN

HTL Passive Connectivity Solutions provides variety of Fiber Optic PLC (Planar lightwave circuit) Splitters for metropolitan area networks (MAN), local area networks, FTTx and other applications. PLC splitters are mainly used for optical signal coupling and distribution in passive optical network (PON) Systems. PLC has advantages of wavelength insensitivity, uniform splitting, high stability and high density.

PRODUCT FEATURES

- Wide operating wavelength from 1260-1650nm
- Compact design, small size for easy installation
- Good uniformity and low polarization dependent loss (PDL)

APPLICATIONS

- FTTx networks
- GPON and 10G-PON networks
- Point to multipoint (P2MP) networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPB102U	1X2 PLC Splitter Bare type without connector
1X4	HT-SPPB104U	1X4 PLC Splitter Bare type without connector
1X8	HT-SPPB108U	1X8 PLC Splitter Bare type without connector
1X16	HT-SPPB116U	1X16 PLC Splitter Bare type without connector
1X32	HT-SPPB132U	1X32 PLC Splitter Bare type without connector
1X64	HT-SPPB164U	1X64 PLC Splitter Bare type without connector
2X2	HT-SPPB202U	2X2 PLC Splitter Bare type without connector
2X4	HT-SPPB204U	2X4 PLC Splitter Bare type without connector
2X8	HT-SPPB208U	2X8 PLC Splitter Bare type without connector
2X16	HT-SPPB216U	2X16 PLC Splitter Bare type without connector
2X32	HT-SPPB232U	2X32 PLC Splitter Bare type without connector
2X64	HT-SPPB264U	2x64 PLC Splitter Bare type without connector

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PLC OPTICAL SPLITTER ABS BOX TYPE 1XN & 2XN

HTL Passive Connectivity Solutions provides variety of Fiber Optic PLC (Planar lightwave circuit) Splitters for metropolitan area networks (MAN), local area networks, FTTx and other applications. PLC splitters are mainly used for optical signal coupling and distribution in passive optical network (PON) Systems. PLC has advantages of wavelength insensitivity, uniform splitting, high stability and high density.

PRODUCT FEATURES

- ABS box splitter
- Wide operating wavelength from 1260-1650nm
- Compact design, small size for easy installation
- Good uniformity and low polarization dependent loss (PDL)
- ABS box splitters are suitable with indoor and outdoor wall mount box

APPLICATIONS

- Central office
- FTTx networks
- GPON and 10G-PON networks
- Point to multipoint (P2MP) networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPA102SCA21	1X2 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X4	HT-SPPA104SCA21	1X4 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X8	HT-SPPA108SCA21	1X8 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X16	HT-SPPA116SCA21	1X16 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X32	HT-SPPA132SCA21	1X32 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X64	HT-SPPA164SCA21	1X64 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
1X128	HT-SPPA1128SCA21	1X128 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X2	HT-SPPA202SCA21	2X2 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X4	HT-SPPA204SCA21	2X4 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X8	HT-SPPA208SCA21	2X8 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X16	HT-SPPA216SCA21	2X16 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X32	HT-SPPA232SCA21	2X32 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X64	HT-SPPA264SCA21	2X64 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable
2X128	HT-SPPA2128SCA21	2X128 PLC Splitter ABS Box type with SCAPC connector 2mm SM G652D Cable

For SM G657A1 fiber core 2mm cable: Replace last two digits 21 with 22 in the above part codes

For SM G657A2 fiber core 2mm cable: Replace last two digits 21 with 23 in the above part codes

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ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPA102SCA31	1X2 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X4	HT-SPPA104SCA31	1X4 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X8	HT-SPPA108SCA31	1X8 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X16	HT-SPPA116SCA31	1X16 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X32	HT-SPPA132SCA31	1X32 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X64	HT-SPPA164SCA31	1X64 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
1X128	HT-SPPA1128SCA31	1X128 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X2	HT-SPPA202SCA31	2X2 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X4	HT-SPPA204SCA31	2X4 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X8	HT-SPPA208SCA31	2X8 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X16	HT-SPPA216SCA31	2X16 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X32	HT-SPPA232SCA31	2X32 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X64	HT-SPPA264SCA31	2X64 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable
2X128	HT-SPPA2128SCA31	2X128 PLC Splitter ABS Box type with SCAPC connector 3mm SM G652D Cable

For SM G657A1 fiber core 3mm cable: Replace last two digits 31 with 32 in the above part codes

For SM G657A2 fiber core 3mm cable: Replace last two digits 31 with 33 in the above part codes

ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPA102SCA91	1X2 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X4	HT-SPPA104SCA91	1X4 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X8	HT-SPPA108SCA91	1X8 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X16	HT-SPPA116SCA91	1X16 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X32	HT-SPPA132SCA91	1X32 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X64	HT-SPPA164SCA91	1X64 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
1X128	HT-SPPA1128SCA91	1X128 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X2	HT-SPPA202SCA91	2X2 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X4	HT-SPPA204SCA91	2X4 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X8	HT-SPPA208SCA91	2X8 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X16	HT-SPPA216SCA91	2X16 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X32	HT-SPPA232SCA91	2X32 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X64	HT-SPPA264SCA91	2X64 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable
2X128	HT-SPPA2128SCA91	2X128 PLC Splitter ABS Box type with SCAPC connector 0.9mm SM G652D Cable

For SM G657A1 fiber core 0.9mm cable: Replace last two digits 91 with 92 in the above part codes

For SM G657A2 fiber core 0.9mm cable: Replace last two digits 91 with 93 in the above part codes

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PLC OPTICAL SPLITTER
LGX CASSETTE TYPE 1XN & 2XN

HTL Passive Connectivity Solutions provides variety of fiber optic PLC (Planar lightwave circuit) splitters for metropolitan area networks (MAN), local area networks, FTTx and other applications. PLC splitters are mainly used for optical signal coupling and distribution in passive optical network (PON) systems. PLC has advantages of wavelength insensitivity, uniform splitting, high stability and high density.

PRODUCT FEATURES

- LGX cassette box splitter
- Wide operating wavelength from 1260-1650nm
- Compact design, small size for easy installation
- Good uniformity and low polarization dependent loss (PDL)
- LGX cassette splitter are suitable with indoor and outdoor wall mount box

APPLICATIONS

- Central office
- FTTx networks
- GPON and 10G-PON networks
- Point to multipoint (P2MP) networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPC102SCA1	1X2 PLC Cassette Splitter Plug-in type SCAPC
1X4	HT-SPPC104SCA1	1X4 PLC Cassette Splitter Plug-in type SCAPC
1X8	HT-SPPC108SCA1	1X8 PLC Cassette Splitter Plug-in type SCAPC
1X16	HT-SPPC116SCA1	1X16 PLC Cassette Splitter Plug-in type SCAPC
1X32	HT-SPPC132SCA1	1x32 PLC Cassette Splitter Plug-in type SCAPC
1X64	HT-SPPC164SCA1	1X64 PLC Cassette Splitter Plug-in type SCAPC
2X2	HT-SPPC202SCA1	2X2 PLC Cassette Splitter Plug-in type SCAPC
2X4	HT-SPPC204SCA1	2X4 PLC Cassette Splitter Plug-in type SCAPC
2X8	HT-SPPC208SCA1	2X8 PLC Cassette Splitter Plug-in type SCAPC
2X16	HT-SPPC216SCA1	2X16 PLC Cassette Splitter Plug-in type SCAPC
2X32	HT-SPPC232SCA1	2x32 PLC Cassette Splitter Plug-in type SCAPC
2X64	HT-SPPC264SCA1	2X64 PLC Cassette Splitter Plug-in type SCAPC

All product images, specifications are for reference purpose and are subjected to change without notice

PLC OPTICAL SPLITTER
RACK MOUNT TYPE 1XN & 2XN

HTL Passive Connectivity Solutions provides variety of fiber optic PLC (Planar lightwave circuit) splitters for metropolitan area networks (MAN), local area networks, FTTx and other applications. PLC splitters are mainly used for optical signal coupling and distribution in passive optical network (PON) systems. PLC has advantages of wavelength insensitivity, uniform splitting, high stability and high density.

PRODUCT FEATURES

- 19'' rack mount type fixed splitter
- Wide operating wavelength from 1260-1650nm
- Compact design, small size for easy installation
- Good uniformity and low polarization dependent loss (PDL)
- Rack mount splitters are suitable with indoor and outdoor racks or enclosures

APPLICATIONS

- Central office
- FTTx networks
- GPON and 10G-PON networks
- Point to multipoint (P2MP) networks

RoHS COMPLIANT

ORDERING DETAILS

Fiber	Part code	Product description
1X2	HT-SPPR102SCA1	1X2 PLC Splitter SC APC 19'' Rack Mount Type
1X4	HT-SPPR104SCA1	1X4 PLC Splitter SC APC 19'' Rack Mount Type
1X8	HT-SPPR108SCA1	1X8 PLC Splitter SC APC 19'' Rack Mount Type
1X16	HT-SPPR116SCA1	1X16 PLC Splitter SC APC 19'' Rack Mount Type
1X32	HT-SPPR132SCA1	1X32 PLC Splitter SC APC 19'' Rack Mount Type
1X64	HT-SPPR164SCA1	1X64 PLC Splitter SC APC 19'' Rack Mount Type
2X2	HT-SPPR202SCA1	2X2 PLC Splitter SC APC 19'' Rack Mount Type
2X4	HT-SPPR204SCA1	2X4 PLC Splitter SC APC 19'' Rack Mount Type
2X8	HT-SPPR208SCA1	2X8 PLC Splitter SC APC 19'' Rack Mount Type
2X16	HT-SPPR216SCA1	2X16 PLC Splitter SC APC 19'' Rack Mount Type
2X32	HT-SPPR232SCA1	2X32 PLC Splitter SC APC 19'' Rack Mount Type
2X64	HT-SPPR264SCA1	2X64 PLC Splitter SC APC 19'' Rack Mount Type

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JOINT CLOSURE
OUTDOOR HEAT SHRINK DOME TYPE

HTL Passive Connectivity Solutions provides variety of fiber joint closures to protect fiber cable splices for outside plant fiber cables. Joint closures secures fiber splices and ensures high reliability in ambient temperature ranges. Provides management of fibers without disturbing the existing fibers already in use and are installed in underground, aerial and duct mount OSP applications.

PRODUCT FEATURES

- Heat shrink seal type
- UV resistant outer dome
- All entry ports are sealed ports
- IP-68 rated – water proof grade
- 5 ports with four round ports and one oval port
- Constructed of high quality polycarbonate (PC) material

APPLICATIONS

- CATV application
- FTTH access network
- Data communication network
- Outside plant (OSP) distribution network

RoHS COMPLIANT

ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-JCH012DT1	Fiber Joint Closure Dome HS Type – 12F
2	HT-JCH024DT1	Fiber Joint Closure Dome HS Type – 24F
3	HT-JCH048DT1	Fiber Joint Closure Dome HS Type – 48F
4	HT-JCH072DT1	Fiber Joint Closure Dome HS Type – 72F
5	HT-JCH096DT1	Fiber Joint Closure Dome HS Type – 96F

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JOINT CLOSURE
OUTDOOR MECHANICAL DOME TYPE

HTL Passive Connectivity Solutions provides variety of fiber joint closures to protect fiber cable splices for outside plant fiber cables. Joint closures secures fiber splices and ensures high reliability in ambient temperature ranges. Provides management of fibers without disturbing the existing fibers already in use and are installed in underground, aerial and duct mount OSP applications.

PRODUCT FEATURES

- UV resistant outer dome
- IP-68 rated – water proof grade
- Mechanical seal type – reusable
- 5 ports with four round ports and one oval port
- Constructed of high quality polycarbonate (PC) material

APPLICATIONS

- CATV application
- FTTH access network
- Data communication network
- Outside plant (OSP) distribution network

RoHS COMPLIANT

ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-JCM012DT1	Fiber Joint Closure Mechanical Dome Type – 12F
2	HT-JCM024DT1	Fiber Joint Closure Mechanical Dome Type – 24F
3	HT-JCM048DT1	Fiber Joint Closure Mechanical Dome Type – 48F
4	HT-JCM072DT1	Fiber Joint Closure Mechanical Dome Type – 72F
5	HT-JCM096DT1	Fiber Joint Closure Mechanical Dome Type – 96F
6	HT-JCM144DT1	Fiber Joint Closure Mechanical Dome Type – 144F

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JOINT CLOSURE
OUTDOOR INLINE/STRAIGHT TYPE

HTL Passive Connectivity Solutions provides variety of fiber joint closures to protect fiber cable splices for outside plant fiber cables. Joint closures secures fiber splices and ensures high reliability in ambient temperature ranges. Provides management of fibers without disturbing the existing fibers already in use and are installed in underground, aerial and duct mount OSP applications.

PRODUCT FEATURES

- Inline straight type
- Heat shrink seal type
- UV resistant outer box
- All entry ports are sealed ports
- IP-68 rated – water proof grade
- 4 ports with two inlet and two outlet ports
- Constructed of high quality polycarbonate (PC) material

APPLICATIONS

- CATV application
- FTTH access network
- Aerial mount installation
- Data communication network
- Outside plant (OSP) distribution network

RoHS COMPLIANT

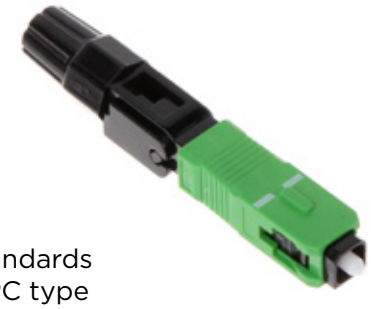
ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-JCH012ST1	Fiber Joint Closure Inline Type – 12F
2	HT-JCH024ST1	Fiber Joint Closure Inline Type – 24F
3	HT-JCH048ST1	Fiber Joint Closure Inline Type – 48F
4	HT-JCH072ST1	Fiber Joint Closure Inline Type – 72F
5	HT-JCH096ST1	Fiber Joint Closure Inline Type – 96F

All product images, specifications are for reference purpose and are subjected to change without notice

SC & LC FIELD CONNECTOR

HTL Passive Connectivity Solutions provides field installable fast connector for easy installation of fiber at customer premises. Our field connector provides superior performance with low insertion loss.



PRODUCT FEATURES

- For quick and easy installation at site
- Available in short boot and long boot
- Minimum tooling required at site for installation
- Available in single mode (SM) & multimode (MM) fiber types
- Meets and exceeds the requirements of ANSI/TIA-568.3-D and IEC standards
- Available in SC UPC, SC APC and small form factor LC UPC and LC APC type

APPLICATIONS

- FTTH home access networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-FCSSCU90	SC UPC SM Field Connector - 900µm Boot
2	HT-FCSSCA90	SC APC SM Field Connector - 900µm Boot
3	HT-FCSSCU25	SC UPC SM Field Connector - 250µm Boot
4	HT-FCSSCA25	SC APC SM Field Connector - 250µm Boot
5	HT-FCSLCU90	LC UPC SM Field Connector - 900µm Boot
6	HT-FCSLCA90	LC APC SM Field Connector - 900µm Boot
7	HT-FCSLCU25	LC UPC SM Field Connector - 250µm Boot
8	HT-FCSLCA25	LC APC SM Field Connector - 250µm Boot

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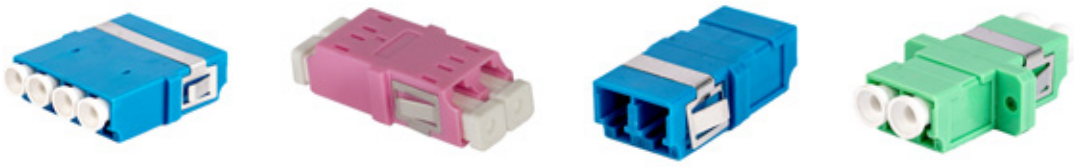
SC & LC ADAPTERS

HTL Passive Connectivity Solutions provides fiber optic adapters for easy installation for variety of fiber management systems, fiber access terminals, fiber distribution box and other fiber optic applications.



PRODUCT FEATURES

- Anti-fungus plastic material
- Features snap and flange mount
- Meets and exceeds TIA/EIA and IEC specifications
- Available in single mode (SM) & multimode (MM) fiber types
- Available in simplex, duplex (SC & LC) and quad ports (LC only)
- Available in SC PC, SC APC and small form factor LC PC and LC APC type.
- Available in zirconia ceramic for SM adapters and phosphorous bronze for MM Adapters

APPLICATIONS

- Data center
- Central office
- FTTH access networks
- Premise cabling networks
- Data communication networks

RoHS COMPLIANT

All product images, specifications are for reference purpose and are subjected to change without notice

ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-FADSSSCAFG	SC APC SM Simplex Adapter - Green
2	HT-FADSSSCUFB	SC UPC SM Simplex Adapter - Blue
3	HT-FADDSSCUFB	SC UPC SM Duplex Adapter - Blue
4	HT-FADDMSCUFE	SC UPC MM Duplex Adapter - Beige
5	HT-FADDMSCUFA	SC UPC MM Duplex Adapter - Aqua
6	HT-FADDMSCUFV	SC UPC MM Duplex Adapter – Er Violet
7	HT-FADSSLCAFG	LC APC SM Simplex Adapter - Green
8	HT-FADSSLCUFB	LC UPC SM Simplex Adapter - Blue
9	HT-FADDSLCAFG	LC APC SM Duplex Adapter - Green
10	HT-FADDSLCUFB	LC UPC SM Duplex Adapter - Blue
11	HT-FADDMLCUFE	LC UPC MM Duplex Adapter - Beige
12	HT-FADDMLCUFA	LC UPC MM Duplex Adapter - Aqua
13	HT-FADDMLCUFV	LC UPC MM Duplex Adapter – Er Violet
14	HT-FADQSLCAFG	LC APC SM Quad Adapter - Green
15	HT-FADQSLCUFB	LC UPC SM Quad Adapter - Blue
16	HT-FADQMLCUFE	LC UPC MM Quad Adapter - Beige
17	HT-FADQMLCUFA	LC UPC MM Quad Adapter - Aqua
18	HT-FADQMLCUFV	LC UPC MM Quad Adapter – Er Violet

All product images, specifications are for reference purpose and are subjected to change without notice

SINGLEMODE AND MULTIMODE FIBER PATCH CORD ASSEMBLIES

HTL Passive Connectivity Solutions provides variety of fiber optic patch cord assemblies for singlemode and multimode type fiber applications

PRODUCT FEATURES

- Standard or custom assemblies
- Controlled fiber protrusion type
- Precision ferrule endface geometry
- LSZH jacket for fire safety standards
- Available in Single mode and multimode fiber cores
- Available in simplex, duplex, 2mm, 3mm cable options
- Factory polished and tested as per relevant standards
- Available in the combinations of different fiber connectors

APPLICATIONS

- Data center
- Central office
- FTTH access networks
- Premise cabling networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-PC1S1222001C	SC APC – SC APC, SM OS2 Simplex OF Patch cord LSZH 1m
2	HT-PC1S1252003C	SC APC – LC APC, SM OS2 Simplex OF Patch cord LSZH 3m
3	HT-PC1D2142001C	SC PC – LC PC, SM OS2 Duplex OF Patch cord LSZH 1m
4	HT-PC6D2362001C	SC UPC – LC UPC, MM OM3 Duplex OF Patch cord LZHS 1m
5	HT-PC7D2662001C	LC UPC – LC UPC, MM OM4 Duplex OF Patch cord LSZH 1m
6	HT-PC8D2662010C	LC UPC – LC UPC, MM OM5 Duplex OF Patch cord LSZH 10m

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct fiber assembly configuration

HT - XX X X X XX X XXX X

Product Family
PC = Patch Cord Assembly
PT = Pigtail Assembly

Fiber Type

1 = 9/125µm OS2
2 = 9/125µm G657A1
3 = 9/125µm G657A2
4 = 62.5/125µm OM1
5 = 50/125µm OM2
6 = 50/125µm OM3
7 = 50/125µm OM4
8 = 50/125µm OM5
9 = 9/125µm SM G655
0 = 9/125µm OS1

S = Simplex cord
D = Duplex zip cord
U = Uniboot duplex round cord

Cable Type:

1 = 3mm
2 = 2mm
3 = 900Qm
4 = 1.6mm
5 = 3mm Duplex Uniboot
6 = 1.8mm
7 = 4.8mm Duplex Round Armored

SCA = SC APC SM adapter green
SCP = SC PC SM adapter blue
SCU = SC UPC SM adapter blue
LCA = LCAPC SM adapter green
LCP = LC PC SM adapter blue
FCA = FC APC adapter green
FCP = FC PC adapter blue
STP = ST PC SM adapter blue
E2A = E2000 APC SM adapter green
E2P = E2000 PC SM adapter blue
SC1 = SC PC MM adapter beige
SC2 = SC PC MM adapter aqua
SC3 = SC PC MM adapter erica violet
LC1 = LC UPC MM adapter beige
LC2 = SC UPC MM adapter aqua
LC3 = LC UPC MM adapter erica violet
LC3 = LC UPC MM adapter lemon green
ST1 = ST PC MM adapter beige

Jacket Type:

1 = FR PVC
2 = LSZH
3 = Plenum
4 = OFNR UL

Length (Meter)
00A = 0.5M
001 = 1m
01A = 1.5m

010 = 10m

C = Standard Colour

All product images, specifications are for reference purpose and are subjected to change without notice

SINGLE MODE AND MULTIMODE FIBER PIGTAIL ASSEMBLIES

HTL Passive Connectivity Solutions provides variety of fiber optic pigtail assemblies for singlemode and multimode type fiber applications.

PRODUCT FEATURES

- Standard or custom assemblies
- Controlled fiber protrusion type
- Precision ferrule end-face geometry
- Available in different fiber connectors
- Available in Single mode and multimode fiber cores
- Factory polished and tested as per relevant standards

APPLICATIONS

- Data center
- Central office
- FTTH access networks
- Premise cabling networks
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-PT1S3041001C	LC PC, Singlemode Pigtail 1.0m
2	HT-PT1S304101AC	LC PC, Singlemode Pigtail 1.5m
3	HT-PT1S3051001C	LC APC, Singlemode Pigtail 1.0m
4	HT-PT1S3051001C	LC APC, Singlemode Pigtail 1.5m
5	HT-PT2S3041001C	LC PC, Singlemode G657A1 Pigtail 1.0m

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct fiber assembly configuration

HT - XX X X X XX X XXX X

Product Family
PC = Patch Cord Assembly
PT = Pigtail Assembly

Fiber Type

1 = 9/125µm OS2
2 = 9/125µm G657A1
3 = 9/125µm G657A2
4 = 62.5/125µm OM1
5 = 50/125µm OM2
6 = 50/125µm OM3
7 = 50/125µm OM4
8 = 50/125µm OM5
9 = 9/125µm SM G655
0 = 9/125µm OS1

S = Simplex cord
D = Duplex zip cord
U = Uniboot duplex round cord

Cable Type:

1 = 3mm
2 = 2mm
3 = 900µm
4 = 1.6mm
5 = 3mm Duplex Uniboot
6 = 1.8mm
7 = 4.8mm Duplex Round Armored

SCA = SC APC SM adapter green
SCP = SC PC SM adapter blue
SCU = SC UPC SM adapter blue
LCA = LCAPC SM adapter green
LCP = LC PC SM adapter blue
FCA = FC APC adapter green
FCP = FC PC adapter blue
STP = ST PC SM adapter blue
E2A = E2000 APC SM adapter green
E2P = E2000 PC SM adapter blue
SC1 = SC PC MM adapter beige
SC2 = SC PC MM adapter aqua
SC3 = SC PC MM adapter erica violet
LC1 = LC UPC MM adapter beige
LC2 = SC UPC MM adapter aqua
LC3 = LC UPC MM adapter erica violet
LC3 = LC UPC MM adapter lemon green
ST1 = ST PC MM adapter beige

Jacket Type:

1 = FR PVC
2 = LSZH
3 = Plenum
4 = OFNR UL

Length (Meter)
00A = 0.5M
001 = 1m
01A = 1.5m

010 = 10m

C = Standard Colour

All product images, specifications are for reference purpose and are subjected to change without notice

1U FIBER RACK MOUNT PANEL & CASSETTES

HTL Passive Connectivity Solutions 1U Rack Mount HD Fiber Panel supports maximum of 144F with MPO to LC modules or cassettes. This high-density solution provides to a greater network availability ideal for Data center and other fiber backbone connectivity.

PRODUCT FEATURES

- 1U 19" rack mount type
- Indoor installation grade
- Modular and scalable construction
- Pluggable cassettes for easy plug and play
- Cassette loaded with low loss connectors and adapters
- Available in single mode OS2 and multimode OM3, OM4, OM5 fiber

APPLICATIONS

- Plug and play systems
- High density fiber systems
- Backbone enterprise networks
- Data communication networks
- High integration equipment and devices
- Data center & storage area network (SAN)

RoHS COMPLIANT

ORDERING DETAILS

SL.NO.	Part code	Product description
1	HT-MPS1B096QXXX3	1U 96F MPO LC Panel – Unloaded
2	HT-MPS1B144QXXX3	1U 144F MPO LC Panel – Unloaded
3	HT-MPB012DLCP11	12F OS2 MPO LC Cassette
4	HT-MPB024QLCP11	24F OS2 MPO LC Cassette
5	HT-MPB012DLC211	12F OM3 MPO LC Cassette
6	HT-MPB024QLC211	24F OM3 MPO LC Cassette
7	HT-MPB012DLC311	12F OM4 MPO LC Cassette
8	HT-MPB024QLC311	24F OM4 MPO LC Cassette
9	HT-MPB012DLC411	12F OM5 MPO LC Cassette
10	HT-MPB024QLC411	24F OM5 MPO LC Cassette

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2U FIBER RACK MOUNT PANEL & CASSETTES

HTL Passive Connectivity Solutions 2U Rack Mount HD Fiber Panel supports maximum of 288F with MPO to LC modules or cassettes. This high-density solution provides to a greater network availability ideal for Data center and other fiber backbone connectivity.

PRODUCT FEATURES

- 1U 19'' rack mount type
- Indoor installation grade
- Modular and scalable construction
- Pluggable cassettes for easy plug and play
- Cassette loaded with low loss connectors and adapters
- Available in single mode OS2 and multimode OM3, OM4, OM5 fiber

APPLICATIONS

- Plug and play systems
- High density fiber systems
- Backbone enterprise networks
- Data communication networks
- High integration equipment and devices
- Data center & storage area network (SAN)

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-MPS2B192QXXX3	2U 192F MPO LC Panel – Unloaded
2	HT-MPS2B288QXXX3	2U 288F MPO LC Panel – Unloaded
3	HT-MPB012DLCP11	12F OS2 MPO LC Cassette
4	HT-MPB024QLCP11	24F OS2 MPO LC Cassette
5	HT-MPB012DLC211	12F OM3 MPO LC Cassette
6	HT-MPB024QLC211	24F OM3 MPO LC Cassette
7	HT-MPB012DLC311	12F OM4 MPO LC Cassette
8	HT-MPB024QLC311	24F OM4 MPO LC Cassette
9	HT-MPB012DLC411	12F OM5 MPO LC Cassette
10	HT-MPB024QLC411	24F OM5 MPO LC Cassette

All product images, specifications are for reference purpose and are subjected to change without notice

MPO-MPO CABLE ASSEMBLIES

HTL Passive Connectivity Solutions factory terminated MPO cable assembly's supports high-density Data center applications. This high-density solution provides to a greater network availability ideal for Data center and other fiber backbone connectivity for plug and play installations.

PRODUCT FEATURES

- Indoor installation grade
- Temperature rating 75°C
- Available in polarity A, B & C
- Round & flexible outer jacket
- Low insertion loss assemblies
- LSZH jacket for fire safety standards
- For quick and easy installation at site
- Available in standard and customized lengths
- Available in 12F and 24F fiber pre-terminated MPO assemblies
- Available in single mode OS2 and multimode OM3, OM4, OM5 fiber
- Meets and exceeds the requirements of ANSI/TIA-568.3-D and IEC specifications

RoHS COMPLIANT

APPLICATIONS

- Plug and play systems
- High density fiber systems
- Backbone enterprise networks
- Data communication networks
- High integration equipment and devices
- Data center & storage area network (SAN)

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-MPPC112AMM2001	12F MPO-MPO OS2 Pol A Cable Assembly 1M - LSZH
2	HT-MPPC112BMM2001	12F MPO-MPO OS2 Pol B Cable Assembly 1M - LSZH
3	HT-MPPC112CMM2001	12F MPO-MPO OS2 Pol C Cable Assembly 1M - LSZH
4	HT-MPPC124AMM2001	24F MPO-MPO OS2 Pol A Cable Assembly 1M - LSZH
5	HT-MPPC124BMM2001	24F MPO-MPO OS2 Pol B Cable Assembly 1M - LSZH
6	HT-MPPC124CMM2001	24F MPO-MPO OS2 Pol C Cable Assembly 1M - LSZH
7	HT-MPPC612AMM2001	12F MPO-MPO OM3 Pol A Cable Assembly 1M - LSZH
8	HT-MPPC612BMM2001	12F MPO-MPO OM3 Pol B Cable Assembly 1M - LSZH
9	HT-MPPC612CMM2001	12F MPO-MPO OM3 Pol C Cable Assembly 1M - LSZH
10	HT-MPPC624AMM2001	24F MPO-MPO OM3 Pol A Cable Assembly 1M - LSZH
11	HT-MPPC624BMM2001	24F MPO-MPO OM3 Pol B Cable Assembly 1M - LSZH
12	HT-MPPC624CMM2001	24F MPO-MPO OM3 Pol C Cable Assembly 1M - LSZH

In the above part code replace last three digits '001' with 010 for 10m, 020 for 20m, 100 for 100m

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct MPO cable assembly configuration

HT - XX XX X XX X XX X XXX

Product category
MP = MPO/MTP®

Product Family
PC = Patch Cord Assembly
PT = Pigtail Assembly

Fiber Type

1 = 9/125µm OS2
2 = 9/125µm G657A1
3 = 9/125µm G657A2
4 = 62.5/125µm OM1
5 = 50/125µm OM2
6 = 50/125µm OM3
7 = 50/125µm OM4
8 = 50/125µm OM5
9 = 9/125Qµ SM G655
0 = 9/125µm OS1

12 = 12F
24 = 24F
48 = 48F

Polarity

A = Polarity A
B = Polarity B
C = Polarity C

M = MPO male
F = MPO female
P = MTP® male
T = MTP® female
1 = LC UPC blue
2 = LC UPC beige
3 = LC UPC aqua
4 = LC UPC erica violet
5 = LC UPC lemon green

Jacket Type:

1 = FR PVC
2 = LSZH
3 = Plenum
4 = OFNR UL

Length (Meter)
00A = 0.5M
001 = 1m
01A = 1.5m
010 = 10m
100 = 100m

ORDERING DETAILS

SL. NO.	Part code	Product description
13	HT-MPPC712AMM2001	12F MPO-MPO OM4 Pol A Cable Assembly 1M - LSZH
14	HT-MPPC712BMM2001	12F MPO-MPO OM4 Pol B Cable Assembly 1M - LSZH
15	HT-MPPC712CMM2001	12F MPO-MPO OM4 Pol C Cable Assembly 1M - LSZH
16	HT-MPPC724AMM2001	24F MPO-MPO OM4 Pol A Cable Assembly 1M - LSZH
17	HT-MPPC724BMM2001	24F MPO-MPO OM4 Pol B Cable Assembly 1M - LSZH
18	HT-MPPC724CMM2001	24F MPO-MPO OM4 Pol C Cable Assembly 1M - LSZH
19	HT-MPPC812AMM2001	12F MPO-MPO OM5 Pol A Cable Assembly 1M - LSZH
20	HT-MPPC812BMM2001	12F MPO-MPO OM5 Pol B Cable Assembly 1M - LSZH
21	HT-MPPC812CMM2001	12F MPO-MPO OM5 Pol C Cable Assembly 1M - LSZH
22	HT-MPPC824AMM2001	24F MPO-MPO OM5 Pol A Cable Assembly 1M - LSZH
23	HT-MPPC824BMM2001	24F MPO-MPO OM5 Pol B Cable Assembly 1M - LSZH
24	HT-MPPC824CMM2001	24F MPO-MPO OM5 Pol C Cable Assembly 1M - LSZH

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In the above part code replace last three digits '001' with 010 for 10m, 020 for 20m, 100 for 100m

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MPO – LC CABLE ASSEMBLIES

HTL Passive Connectivity Solutions factory terminated MPO – LC trunk cable assembly's supports high-density Data center applications. This high-density solution provides to a greater network availability ideal for Data center and other fiber backbone connectivity for plug and play installations.

PRODUCT FEATURES

- Indoor installation grade
- Temperature rating 75°C
- Available in polarity A, B & C
- Round & flexible outer jacket
- Low insertion loss assemblies
- LSZH jacket for fire safety standards
- For quick and easy installation at site
- Available in standard and customized lengths
- Available in single mode OS2 and multimode OM3, OM4, OM5 fiber
- Available in 12F and 24F fiber pre-terminated MPO-LC multi fiber assemblies
- Meets and exceeds the requirements of ANSI/TIA-568.3-D and IEC specifications

APPLICATIONS

- Plug and play systems
- High density fiber systems
- Backbone enterprise networks
- Data communication networks
- High integration equipment and devices
- Data center & storage area network (SAN)

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-MPPC112AM12001	12F MPO-LC OS2 Pol A Cable Assembly 1M - LSZH
2	HT-MPPC112BM12001	12F MPO-LC OS2 Pol B Cable Assembly 1M - LSZH
3	HT-MPPC112CM12001	12F MPO-LC OS2 Pol C Cable Assembly 1M - LSZH
4	HT-MPPC124AM12001	24F MPO-LC OS2 Pol A Cable Assembly 1M - LSZH
5	HT-MPPC124BM12001	24F MPO-LC OS2 Pol B Cable Assembly 1M - LSZH
6	HT-MPPC124CM12001	24F MPO-LC OS2 Pol C Cable Assembly 1M - LSZH
7	HT-MPPC612AM32001	12F MPO-LC OM3 Pol A Cable Assembly 1M - LSZH
8	HT-MPPC612BM32001	12F MPO-LC OM3 Pol B Cable Assembly 1M - LSZH
9	HT-MPPC612CM32001	12F MPO-LC OM3 Pol C Cable Assembly 1M - LSZH
10	HT-MPPC624AM32001	24F MPO-LC OM3 Pol A Cable Assembly 1M - LSZH
11	HT-MPPC624BM32001	24F MPO-LC OM3 Pol B Cable Assembly 1M - LSZH
12	HT-MPPC624CM32001	24F MPO-LC OM3 Pol C Cable Assembly 1M - LSZH

In the above part code replace last three digits '001' with 010 for 10m, 020 for 20m, 100 for 100m

All product images, specifications are for reference purpose and are subjected to change without notice

PART CODE SCHEME

Replace X with the correct code to determine the correct MPO trunk cable assembly configuration

HT - XX XX X XX X XX X XXX

Product category
MP = MPO/MTP®

Product Family
PC = Patch Cord Assembly
PT = Pigtail Assembly

Fiber Type

1 = 9/125µm OS2
2 = 9/125µm G657A1
3 = 9/125µm G657A2
4 = 62.5/125µm OM1
5 = 50/125µm OM2
6 = 50/125µm OM3
7 = 50/125µm OM4
8 = 50/125µm OM5
9 = 9/125µm SM G655
0 = 9/125µm OS1

12 = 12F
24 = 24F
48 = 48F

Polarity

A = Polarity A
B = Polarity B
C = Polarity C

M = MPO male
F = MPO female
P = MTP® male
T = MTP® female
1 = LC UPC blue
2 = LC UPC beige
3 = LC UPC aqua
4 = LC UPC erica violet
5 = LC UPC lemon green

Jacket Type:

1 = FR PVC
2 = LSZH
3 = Plenum
4 = OFNR UL

Length (Meter)
00A = 0.5M
001 = 1m
01A = 1.5m
010 = 10m
100 = 100m

ORDERING DETAILS

SL. NO.	Part code	Product description
13	HT-MPPC712AM42001	12F MPO-LC OM4 Pol A Cable Assembly 1M - LSZH
14	HT-MPPC712BM42001	12F MPO-LC OM4 Pol B Cable Assembly 1M - LSZH
15	HT-MPPC712CM42001	12F MPO-LC OM4 Pol C Cable Assembly 1M - LSZH
16	HT-MPPC724AM42001	24F MPO-LC OM4 Pol A Cable Assembly 1M - LSZH
17	HT-MPPC724BM42001	24F MPO-LC OM4 Pol B Cable Assembly 1M - LSZH
18	HT-MPPC724CM42001	24F MPO-LC OM4 Pol C Cable Assembly 1M - LSZH
19	HT-MPPC812AM52001	12F MPO-LC OM5 Pol A Cable Assembly 1M - LSZH
20	HT-MPPC812BM52001	12F MPO-LCOM5 Pol B Cable Assembly 1M - LSZH
21	HT-MPPC812CM52001	12F MPO-LC OM5 Pol C Cable Assembly 1M - LSZH
22	HT-MPPC824AM52001	24F MPO-LC OM5 Pol A Cable Assembly 1M - LSZH
23	HT-MPPC824BM52001	24F MPO-LC OM5 Pol B Cable Assembly 1M - LSZH
24	HT-MPPC824CM52001	24F MPO-LC OM5 Pol C Cable Assembly 1M - LSZH

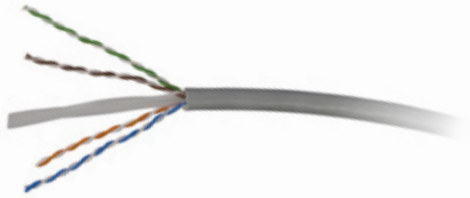
MTP® is the registered trademark of US CONEC

In the above part code replace last three digits '001' with 010 for 10m, 020 for 20m, 100 for 100m

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 U/UTP 23AWG CABLE

HTL Passive Connectivity Solutions Cat6 U/UTP cable is designed to support high data rates, high bandwidth digital applications and indoor fixed installations.



PRODUCT FEATURES

- 4Pair UTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 1Gbps speed data Ethernet applications
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Packaging type: Reel of 305m in a spool in a snag free box
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

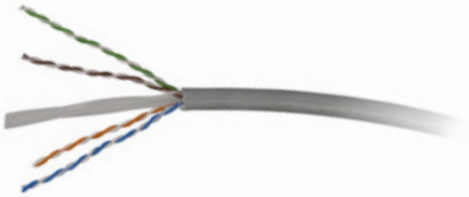
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC1U11LI3	Cat6 U/UTP 23AWG Cable – LSZH
2	HT-CC1U11PI3	Cat6 U/UTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 U/UTP 24AWG CABLE

HTL Passive Connectivity Solutions Cat6 U/UTP cable is designed to support high data rates, high bandwidth digital applications and indoor fixed installations.



PRODUCT FEATURES

- 4Pair UTP cable
- 24AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 1Gbps speed data Ethernet applications
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Packaging type: Reel of 305m in a spool in a snag free box
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC1U12LI3	Cat6 U/UTP 24AWG Cable – LSZH
2	HT-CC1U12PI3	Cat6 U/UTP 24AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 S/FTP 23AWG CABLE

HTL Passive Connectivity Solutions Cat6 S/FTP cable is designed to support high data rates, high bandwidth digital applications and provides superior electromagnetic interference protection and voice immunity for indoor shielded installations.

PRODUCT FEATURES

- 4Pair S/FTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 1Gbps speed data Ethernet applications
- Enhanced overall high screen coverage outer braid
- Individual foil around each pair STP cable construction
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Provides superior electromagnetic interference (EMI) protection
- Provide superior noise immunity and coupling attenuation performance
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC1S11LI5	Cat6 S/FTP 23AWG Cable – LSZH
2	HT-CC1S11PI5	Cat6 S/FTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 F/UTP 23AWG CABLE

HTL Passive Connectivity Solutions Cat6 F/UTP cable is designed to support high data rates, high bandwidth digital applications and provides superior electromagnetic interference protection for indoor shielded installations.

PRODUCT FEATURES

- 4Pair F/UTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 1Gbps speed data Ethernet applications
- Operates at bandwidth of 250 MHz for high data rates
- Enhanced overall Aluminum foiled F/UTP construction
- Temperature rating during operation and storage 75°C
- Provides excellent electromagnetic interference (EMI) protection
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

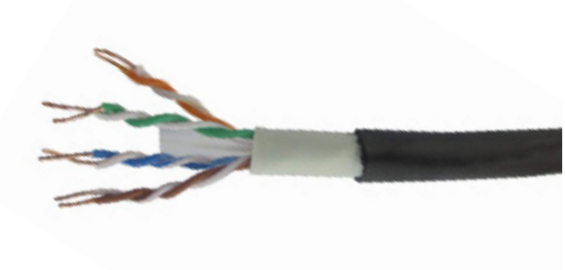
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC1S21LI5	Cat6 F/UTP 23AWG Cable – LSZH
2	HT-CC1S21PI5	Cat6 F/UTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 U/UTP OUTDOOR CABLE

HTL Passive Connectivity Solutions Cat6 U/UTP cable is designed to support high data rates, high bandwidth digital applications for indoor and outdoor fixed installations.



PRODUCT FEATURES

- UV rated
- 4Pair UTP cable
- 24AWG and 23AWG solid bare copper
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Suitable or both indoor and outdoor installations
- Supports 1Gbps speed data Ethernet applications
- Available in FRPVC inner jacket and PE outer jacket
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 85°C
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Premise cabling
- Outdoor installations
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

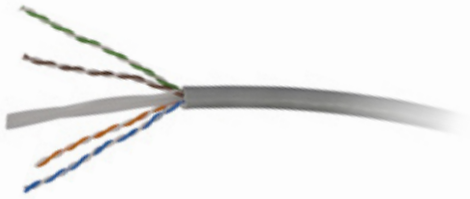
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC1U11HO5	Cat6 U/UTP 23AWG Outdoor Cable – PE
2	HT-CC1U12HO5	Cat6 U/UTP 24AWG Outdoor Cable – PE

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A U/UTP CABLE

HTL Passive Connectivity Solutions Cat6A U/UTP cable is designed to support high data rates, high bandwidth digital applications and indoor fixed installations.



PRODUCT FEATURES

- 4Pair UTP cable
- 23AWG solid bare copper
- Minimizes alien crosstalk signals
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 10Gbps speed data Ethernet applications
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC2U11LI5	Cat6A U/UTP 23AWG Cable – LSZH
2	HT-CC2U11PI5	Cat6A U/UTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A S/FTP CABLE

HTL Passive Connectivity Solutions Cat6A S/FTP cable is designed to support high data rates, high bandwidth digital applications and provides superior electromagnetic interference protection and voice immunity for indoor shielded installations.

PRODUCT FEATURES

- 4Pair S/FTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 10Gbps speed data Ethernet applications
- Enhanced overall high screen coverage outer braid
- Individual foil around each pair STP cable construction
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Provides superior electromagnetic interference (EMI) protection
- Provide superior noise immunity and coupling attenuation performance
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

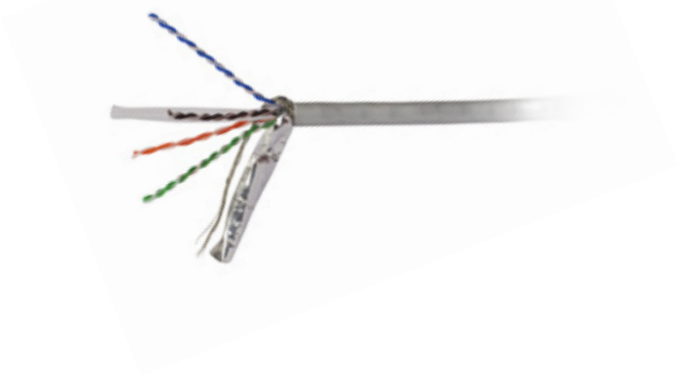
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC2S11LI5	Cat6A S/FTP 23AWG Cable – LSZH
2	HT-CC2S11PI5	Cat6A S/FTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A F/UTP 23AWG CABLE

HTL Passive Connectivity Solutions Cat6A F/UTP cable is designed to support high data rates, high bandwidth digital applications and provides superior electromagnetic interference protection for indoor shielded installations.



PRODUCT FEATURES

- 4Pair F/UTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 10Gbps speed data Ethernet applications
- Operates at bandwidth of 500 MHz for high data rates
- Enhanced overall Aluminum foiled F/UTP construction
- Temperature rating during operation and storage 75°C
- Provides excellent electromagnetic interference (EMI) protection
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

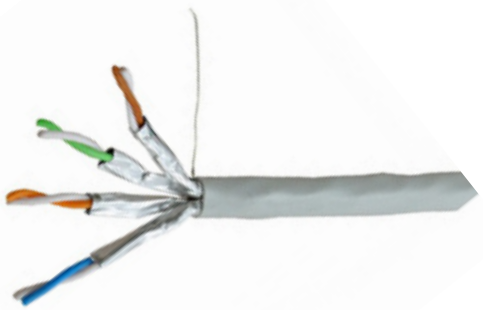
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC2S21LI5	Cat6A F/UTP 23AWG Cable – LSZH
2	HT-CC2S21PI5	Cat6A F/UTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A U/FTP 23AWG CABLE

HTL Passive Connectivity Solutions Cat6A U/FTP cable is designed to support high data rates, high bandwidth digital applications and provides superior electromagnetic interference protection for indoor shielded installations.



PRODUCT FEATURES

- 4Pair U/FTP cable
- 23AWG solid bare copper
- Available in LSZH and FR PVC jacket
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Supports 10Gbps speed data Ethernet applications
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Provides excellent electromagnetic interference (EMI) protection
- Enhanced individual Aluminum foiled around each pair U/FTP construction
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

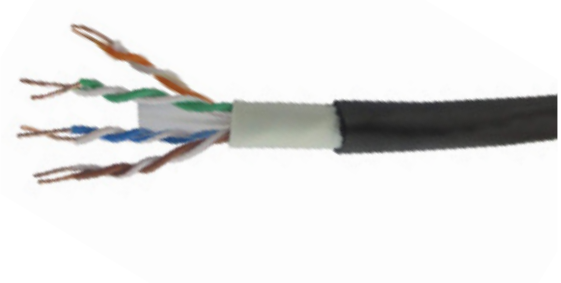
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC2S31LI5	Cat6A U/FTP 23AWG Cable – LSZH
2	HT-CC2S31PI5	Cat6A U/FTP 23AWG Cable – FRPVC

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A U/UTP OUTDOOR CABLE

HTL Passive Connectivity Solutions Cat6A U/UTP cable is designed to support high data rates, high bandwidth digital applications for indoor and outdoor fixed installations.



PRODUCT FEATURES

- UV rated
- 4Pair UTP cable
- 23AWG solid bare copper
- Packaging type: Reel of 500m in a spool
- Supports IEEE 802.3bt 4P PoE+ applications
- Suitable or both indoor and outdoor installations
- Supports 10Gbps speed data Ethernet applications
- Available in FRPVC inner jacket and PE outer jacket
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 85°C
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Premise cabling
- Outdoor installations
- LAN Ethernet systems
- Data communication networks
- Surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CC2U11HO5	Cat6A U/UTP 23AWG Outdoor Cable – PE

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 U/UTP PATCH CORDS

HTL Passive Connectivity Solutions Cat6 U/UTP patch cords are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568B
- 4Pair UTP RJ-45 patch cords
- Supports data Ethernet applications
- Both component & channel compliant
- Patch cords are available in 5 colours
- Available in LSZH and FR PVC Jacket
- 24AWG multi strand copper conductors
- Supports IEEE 802.3bt 4P PoE+ applications
- Available in standard and customized lengths
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Slim boot design RJ-45 unshielded plug for superior performance
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CPC1U11LG01	Cat6 U/UTP Patch cord LSZH Grey -1m
2	HT-CPC1U11LG02	Cat6 U/UTP Patch cord LSZH Grey -2m
3	HT-CPC1U11LG03	Cat6 U/UTP Patch cord LSZH Grey -3m
4	HT-CPC1U11LG05	Cat6 U/UTP Patch cord LSZH Grey -5m
5	HT-CPC1U11LB01	Cat6 U/UTP Patch cord LSZH Blue -1m
6	HT-CPC1U11LB02	Cat6 U/UTP Patch cord LSZH Blue -2m
7	HT-CPC1U11LB03	Cat6 U/UTP Patch cord LSZH Blue -3m
8	HT-CPC1U11LB05	Cat6 U/UTP Patch cord LSZH Blue -5m

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 F/UTP PATCH CORDS

HTL Passive Connectivity Solutions Cat6 F/UTP shielded patch cords are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568B
- 4Pair FTP RJ-45 patch cords
- Supports data Ethernet applications
- Both component & channel compliant
- Patch cords are available in 5 colours
- Available in LSZH and FR PVC Jacket
- 24AWG multi strand copper conductors
- Supports IEEE 802.3bt 4P PoE+ applications
- Available in standard and customized lengths
- Enhanced overall foiled FTP cable construction
- Protection against electromagnetic interference
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Slim boot design RJ-45 shielded plug for superior performance against noise signals
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CPC1S21LG01	Cat6 F/UTP Patch cord LSZH Grey -1m
2	HT-CPC1S21LG02	Cat6 F/UTP Patch cord LSZH Grey -2m
3	HT-CPC1S21LG03	Cat6 F/UTP Patch cord LSZH Grey -3m
4	HT-CPC1S21LG05	Cat6 F/UTP Patch cord LSZH Grey -5m
5	HT-CPC1S21LB01	Cat6 F/UTP Patch cord LSZH Blue -1m
6	HT-CPC1S21LB02	Cat6 F/UTP Patch cord LSZH Blue -2m
7	HT-CPC1S21LB03	Cat6 F/UTP Patch cord LSZH Blue -3m
8	HT-CPC1S21LB05	Cat6 F/UTP Patch cord LSZH Blue -5m

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A U/UTP PATCH CORDS

HTL Passive Connectivity Solutions Cat6A U/UTP patch cords are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568B
- 4Pair UTP RJ-45 patch cords
- Both component & channel compliant
- Patch cords are available in 5 colours
- Available in LSZH and FR PVC Jacket
- 24AWG multi strand copper conductors
- Supports 10G data Ethernet applications
- Supports IEEE 802.3bt 4P PoE+ applications
- Available in standard and customized lengths
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Slim boot design RJ-45 unshielded plug for superior performance
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CPC1U11LG01	Cat6A U/UTP Patch cord LSZH Grey -1m
2	HT-CPC1U11LG02	Cat6A U/UTP Patch cord LSZH Grey -2m
3	HT-CPC1U11LG03	Cat6A U/UTP Patch cord LSZH Grey -3m
4	HT-CPC1U11LG05	Cat6A U/UTP Patch cord LSZH Grey -5m
5	HT-CPC1U11LB01	Cat6A U/UTP Patch cord LSZH Blue -1m
6	HT-CPC1U11LB02	Cat6A U/UTP Patch cord LSZH Blue -2m
7	HT-CPC1U11LB03	Cat6A U/UTP Patch cord LSZH Blue -3m
8	HT-CPC1U11LB05	Cat6A U/UTP Patch cord LSZH Blue -5m

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A F/UTP PATCH CORDS

HTL Passive Connectivity Solutions Cat6A F/UTP shielded patch cords are designed to support high data rates, high bandwidth digital applications and indoor fixed installations

PRODUCT FEATURES

- Wiring: T568B
- 4Pair FTP RJ-45 patch cords
- Both component & channel compliant
- Patch cords are available in 5 colours
- Available in LSZH and FR PVC Jacket
- 24AWG multi strand copper conductors
- Supports 10G data Ethernet applications
- Supports IEEE 802.3bt 4P PoE+ applications
- Available in standard and customized lengths
- Enhanced overall foiled FTP cable construction
- Protection against electromagnetic interference
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Slim boot design RJ-45 shielded plug for superior performance against noise signals
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CPC2S21LG01	Cat6A F/UTP Patch cord LSZH Grey -1m
2	HT-CPC2S21LG02	Cat6A F/UTP Patch cord LSZH Grey -2m
3	HT-CPC2S21LG03	Cat6A F/UTP Patch cord LSZH Grey -3m
4	HT-CPC2S21LG05	Cat6A F/UTP Patch cord LSZH Grey -5m
5	HT-CPC2S21LB01	Cat6A F/UTP Patch cord LSZH Blue -1m
6	HT-CPC2S21LB02	Cat6A F/UTP Patch cord LSZH Blue -2m
7	HT-CPC2S21LB03	Cat6A F/UTP Patch cord LSZH Blue -3m
8	HT-CPC2S21LB05	Cat6A F/UTP Patch cord LSZH Blue -5m

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 UTP IO JACKS

HTL Passive Connectivity Solutions Cat6 U/UTP (Unshielded Twisted Pair) information outlet jacks are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Supports data Ethernet applications
- Both component & channel compliant
- Keystone IO's are available in 6 colours
- Molded plastic material for body and housing
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Designed for unshielded twisted pair (UTP) 23/24AWG cables
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

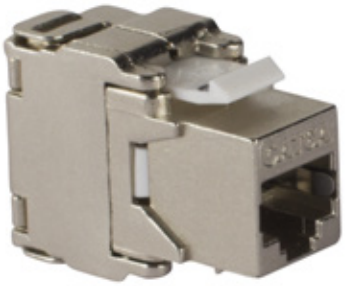
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CIO1U1WH	Cat6 UTP IO Jack White
2	HT-CIO1U1BK	Cat6 UTP IO Jack Black
3	HT-CIO1U1BL	Cat6 UTP IO Jack Blue
4	HT-CIO1U1GN	Cat6 UTP IO Jack Green
5	HT-CIO1U1RD	Cat6 UTP IO Jack Red
6	HT-CIO1U1YL	Cat6 UTP IO Jack Yellow

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 STP IO JACKS

HTL Passive Connectivity Solutions Cat6 STP (Shielded Twisted Pair) information outlet jacks are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.



PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Supports data Ethernet applications
- Both component & channel compliant
- Keystone IO's are available in 6 colours
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Designed for shielded twisted pair (STP) 23/24AWG cables
- Excellent shielding for protection against electromagnetic interference
- Molded plastic material for body and housing with Die cast outer body for shielding
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CIO1S1DC	Cat6 STP IO Jack – Die cast body

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A UTP IO JACKS

HTL Passive Connectivity Solutions Cat6A U/UTP (Unshielded Twisted Pair) information outlet jacks are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Both component & channel compliant
- Keystone IO's are available in 6 colours
- Supports 10G data Ethernet applications
- Molded plastic material for body and housing
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Designed for unshielded twisted pair (UTP) 23/24AWG cables
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

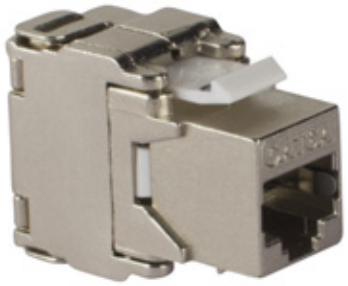
ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CIO2U1WH	Cat6A UTP IO Jack White
2	HT-CIO2U1BK	Cat6A UTP IO Jack Black
3	HT-CIO2U1BL	Cat6A UTP IO Jack Blue
4	HT-CIO2U1GN	Cat6A UTP IO Jack Green
5	HT-CIO2U1RD	Cat6A UTP IO Jack Red
6	HT-CIO2U1YL	Cat6A UTP IO Jack Yellow

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A STP IO JACKS

HTL Passive Connectivity Solutions Cat6A STP (Shielded Twisted Pair) information outlet jacks are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.



PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Both component & channel compliant
- Keystone IO's are available in 6 colours
- Supports 10G data Ethernet applications
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Designed for shielded twisted pair (STP) 23/24AWG cables
- Excellent shielding for protection against electromagnetic interference
- Molded plastic material for body and housing with Die cast outer body for shielding
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks
- Indoor surveillance camera networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CIO2S1DC	Cat6A STP IO Jack – Die cast body

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 UTP IO JACK PANEL

HTL Passive Connectivity Solutions Cat6 UTP (Unshielded Twisted Pair) IO jack panels are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Supports data Ethernet applications
- Available in straight and angular type
- Both component & channel compliant
- Available in 1U 24 ports and 2U 48 ports
- Loaded with black Keystone IO UTP jacks
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Powder coated CRCA black panel with removable rear cable manager
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CJP1U241UBS	Cat6 UTP 24P 1U Straight Jack Panel
2	HT-CJP1U241UBA	Cat6 UTP 24P 1U Angled Jack Panel
3	HT-CJP1U482UBS	Cat6 UTP 48P 2U Straight Jack Panel
4	HT-CJP1U482UBA	Cat6 UTP 48P 2U Angled Jack Panel

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6 STP IO JACK PANEL

HTL Passive Connectivity Solutions Cat6 STP (Shielded Twisted Pair) IO jack panels are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Supports data Ethernet applications
- Available in straight and angular type
- Both component & channel compliant
- Available in 1U 24 ports and 2U 48 ports
- Loaded with Keystone STP Die-cast type IO jacks
- Operates at bandwidth of 250 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Excellent shielding for protection against electromagnetic interference
- Powder coated CRCA black panel with removable rear cable manager
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CJP1S241UDS	Cat6 STP 24P 1U Straight Jack Panel
2	HT-CJP1S241UDA	Cat6 STP 24P 1U Angled Jack Panel
3	HT-CJP1S482UDS	Cat6 STP 48P 2U Straight Jack Panel
4	HT-CJP1S482UDA	Cat6 STP 48P 2U Angled Jack Panel

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A UTP IO JACK PANEL

HTL Passive Connectivity Solutions Cat6A UTP (Unshielded Twisted Pair) IO jack panels are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Available in straight and angular type
- Both component & channel compliant
- Available in 1U 24 ports and 2U 48 ports
- Supports 10G data Ethernet applications
- Loaded with black Keystone IO UTP jacks
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Powder coated CRCA black panel with removable rear cable manager
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- LAN Ethernet systems
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CJP2U241UBS	Cat6A UTP 24P 1U Straight Jack Panel
2	HT-CJP2U241UBA	Cat6A UTP 24P 1U Angled Jack Panel
3	HT-CJP2U482UBS	Cat6A UTP 48P 2U Straight Jack Panel
4	HT-CJP2U482UBA	Cat6A UTP 48P 2U Angled Jack Panel

All product images, specifications are for reference purpose and are subjected to change without notice

CATEGORY 6A STP IO JACK PANEL

HTL Passive Connectivity Solutions Cat6A STP (Shielded Twisted Pair) IO jack panels are designed to support high data rates, high bandwidth digital applications and indoor fixed installations.

PRODUCT FEATURES

- Wiring: T568A/B
- Easy punch down type
- Keystone universal design
- Available in straight and angular type
- Both component & channel compliant
- Available in 1U 24 ports and 2U 48 ports
- Supports 10G data Ethernet applications
- Loaded with Keystone STP Die-cast type IO jacks
- Operates at bandwidth of 500 MHz for high data rates
- Temperature rating during operation and storage 75°C
- Excellent shielding for protection against electromagnetic interference
- Powder coated CRCA black panel with removable rear cable manager
- Meets and exceeds requirements of ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

APPLICATIONS

- Data center
- Access points
- Premise cabling
- Shielded installations
- LAN Ethernet systems
- Data communication networks

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CJP2S241UDS	Cat6A STP 24P 1U Straight Jack Panel
2	HT-CJP2S241UDA	Cat6A STP 24P 1U Angled Jack Panel
3	HT-CJP2S482UDS	Cat6A STP 48P 2U Straight Jack Panel
4	HT-CJP2S482UDA	Cat6A STP 48P 2U Angled Jack Panel

All product images, specifications are for reference purpose and are subjected to change without notice

IO FACE PLATE

86X86 FACEPLATE 1P, 2P & 4P

HTL Passive Connectivity Solutions unloaded 86x86 faceplates can be configured to provide the ports required for the workstation LAN cabling. These faceplates are universal keystone design compatible with cat 6 & cat 6A unshielded and shielded keystone IO jacks

PRODUCT FEATURES

- ABS plastic body for aesthetic look
- Dimensions: 86mm X 86mm (UK style)
- Inbuilt spring type shutter for dust protection
- Available in 1port, 2 ports and 4ports design
- With integrated label holder for port identification
- Compatible for easy snap in of UTP and STP Keystone IO Jacks
- Individually removable IO ports for ease of maintenance during operations

APPLICATIONS

- Premise cabling
- Data access points
- LAN Ethernet systems
- Workstation LAN cabling
- Data communication network
- Indoor surveillance camera network

RoHS COMPLIANT

ORDERING DETAILS

SL. NO.	Part code	Product description
1	HT-CFPP1WH1P	1P faceplate 86x86 - White
2	HT-CFPP1WH2P	2P faceplate 86x86 - White
3	HT-CFPP1WH4P	4P faceplate 86x86 - White

All product images, specifications are for reference purpose and are subjected to change without notice

CERTIFICATES

bsi.

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that:

HTL Ltd.
No. 57, GST Road
Guindy
Chennai 600 032
Tamil Nadu
India

Holds Certificate No: **OHS 714250**

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

The Manufacture and Dispatch of Optical Fiber Cables, Passive Connectivity Solutions (Accessories), Electrical Wiring Interconnection Systems for Aerospace & Defence Applications, Connecting Systems (Wiring Harness, Battery Cable and EV Parts) for Automotive, Railways & Industrial Applications.

[Previously certified to BS OHSAS 18001:2007 since 2016-09-15]

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2020-10-16
Latest Revision Date: 2021-10-20

Effective Date: 2020-10-16
Expiry Date: 2022-09-14

Page: 1 of 2

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bsi.

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

HTL Ltd.
No. 57, GST Road
Guindy
Chennai 600 032
Tamil Nadu
India

Holds Certificate No: **EMS 714249**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

The Manufacture and Dispatch of Optical Fiber Cables, Passive Connectivity Solutions (Accessories), Electrical Wiring Interconnection Systems for Aerospace & Defence Applications, Connecting Systems (Wiring Harness, Battery Cable and EV Parts) for Automotive, Railways & Industrial Applications.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2016-09-15
Latest Revision Date: 2021-10-20

Effective Date: 2019-09-15
Expiry Date: 2022-09-14

Page: 1 of 2

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MQAS

CERTIFICATE

CERTIFICATE NUMBER: 13001219

This is to certify that

HTL Limited

57, GST Road, Guindy, Chennai- 600032

has been found to conform to the Management System Standard:

ISO/IEC 27001:2013

Scope: Provision of Information Security Management System applicable to cover the management operation and maintenance of the information assets and information systems and the associated processes that enable the Design, Development, Supply & Installation of Optical Fibre Cables, Accessories, Wire Harness for Aviation, Auto & Defence Sectors as per Statement of Applicability V 1.0

Initial date of accreditation: 30th November 2019
Certificate Issue Date: 14th December 2019
Certificate Valid Date: 13th December 2022

During the validity of this certificate, the enterprise must mandatorily continue to satisfy the conditions set out in certification agreement.

Dr. Vinit Maheshwari
Director

ISO/IEC 27001:2013

Sanjeev Gupta
Lead Auditor

IAF NABCB ISMS002

For information, please contact

bsi.

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - TL 9000-H R6.2/R5.6

This is to certify that:

HTL Ltd.
No. 57, GST Road
Guindy
Chennai
Tamil Nadu
600 032
India

Holds Certificate No: **FM 667268**

and operates a Quality Management System which complies with the requirements of TL 9000-H R6.2/R5.6 for the following scope:

Manufacture and supply of Optical Fiber Cables and supply of its accessories.

Product Category: 3.1.1.2.1.

For and on behalf of BSI:

Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2017-06-01
Latest Revision Date: 2020-09-14

Effective Date: 2020-09-14
Expiry Date: 2023-05-31

Page: 1 of 1

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HTLBRHRKN0422-V1