



**PASSIVE CONNECTIVITY
SOLUTIONS FOR
DATA CENTRE NETWORKS**

For Faster & Better Connectivity

DATACONNECT®

Premium Cabling Solutions for High Performance Networks

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ELITE MPO FIBER SOLUTIONS

ULTRA SLIM HD CASSETTE RACK MOUNT PANELS

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)



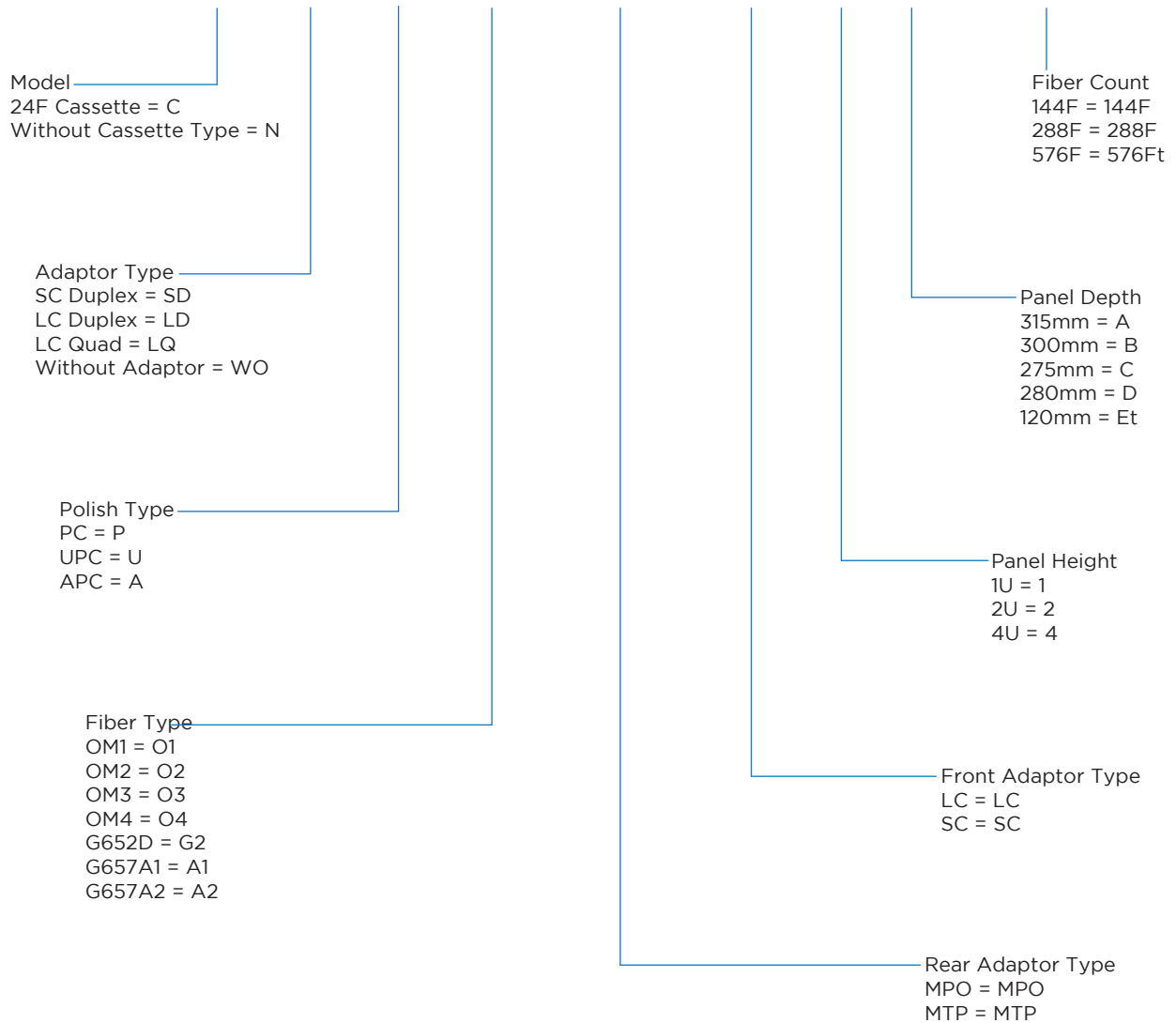
ORDERING DETAILS

SL. NO.	Part code	Product description
1	LIUCLQPO3MPOLC1E144F	1U 144F LC QUAD - MPO/MTP Cassette Panel - Fully Loaded
2	LIUCLQPO3MPOLC2E288F	2U 288F LC QUAD - MPO/MTP Cassette Panel - Fully Loaded
3	LIUCLQPO3MPOLC4E576F	4U 576F LC QUAD - MPO/MTP Cassette Panel - Fully Loaded

PART CODE SCHEME

Replace X with the correct code to determine the correct MPO HD Rack Mount Panel configuration

LIU - X XX X XX XXX XX X X XXXX



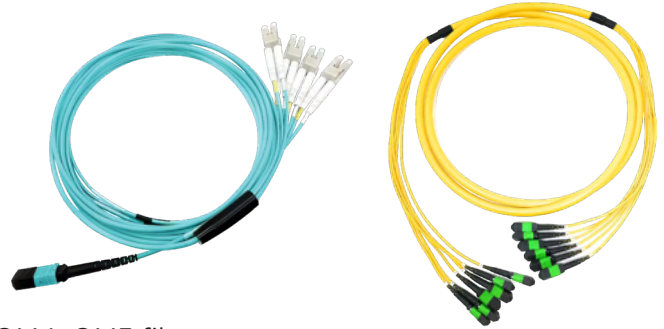
ELITE MPO FIBER SOLUTIONS

FIBER BREAKOUT & TRUNK CABLE ASSEMBLIES

MPO breakout cable assemblies are essential for parallel optics and duplex transmission cross-connect systems, optimizing cable density between switch and server cabinets. Engineered for high-density fiber patching in data centers, they ensure optimal performance across local area networks (LAN) and enable rapid deployment of multi-port patch field connectivity for Storage Area Networks (SAN).

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)



ORDERING DETAILS

SL. NO.	Part code	Product description
1	PCSLCPSLCPO312AL001M	12F OM3 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
2	PCSLCPSLCPO348AL001M	48F OM3 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
3	PCSFEPSCPO412AL001M	12F OM4 Female MPO /MTP - LC Pre Term Breakout Cable Assembly 1M - LSZH
4	PCSFEPSCPO448AL001M	48F OM4 Female MPO /MTP - LC Pre Term Breakout Cable Assembly 1M - LSZH
5	PCSLCPSLCPO412AL001M	12F OM4 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
6	PCSLCPSLCPO448AL001M	48F OM4 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
7	PCSFEPSCPO512GL001M	12F OM5 Female MPO /MTP - Pre Term Breakout Cable Assembly 1M - LSZH
8	PCSFEPSCPO548GL001M	48F OM5 Female MPO /MTP - LC Pre Term Breakout Cable Assembly 1M - LSZH
9	PCSLCPSLCPO512GL001M	12F OM5 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
10	PCSLCPSLCPO548GL001M	48F OM5 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
11	PCSFEPSCPA112GL001M	12F SM A1 Female MPO /MTP - LC Pre Term Breakout Cable Assembly 1M - LSZH
12	PCSFEPSCPA148AL001M	48F SM A1 Female MPO /MTP - LC Pre Term Breakout Cable Assembly 1M - LSZH
13	PCSLCPSLCPA112AL001M	12F SM A1 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH
14	PCSLCPSLCPA148AL001M	48F SM A1 LC - LC Pre Term Breakout Cable Assembly 1M - LSZH

PART CODE SCHEME

Replace X with the correct code to determine the correct Breakout Cable Assembly configuration

PC - X XX X X XX X XX XX X X XXX X

Connector Type - A side
 Duplex = D
 Simplex = S
 Uniboot = U
 12F MPO = A
 24F MPO = B

Connector Name A side
 SC = SC
 ST = ST
 FC = FC
 LC = LC
 LC SB = LS
 SC SB = SB
 MPO Female = FE
 MPO Male = MA
 MPO Female Short Boot = FS
 MPO Male Short Boot = MS
 Optitap Connector = OP
 LC GR236 = LG
 SC GR236 = SG

Polish Type
 PC = P
 UPC = U
 APC = A

Connector Type - B Side
 Duplex = D
 Simplex = S
 Uniboot = U
 12F MPO = A
 24F MPO = B

Connector Name B side
 SC = SC
 ST = ST
 FC = FC
 LC = LC
 LC SB = LS
 SC SB = SB
 MPO Female = FE
 MPO Male = MA
 MPO Female Short Boot = FS
 MPO Male Short Boot = MS
 LC GR236 = LG
 SC GR236 = SG

Polish Type
 PC = P
 UPC = U
 APC = A

Length Unit
 METER = M
 FT = T

Length/Fiber Count
 1M = 001
 2M = 002
 3M = 003
 4M = 004
 5M = 005
 6M = 006
 7M = 007
 8M = 008
 9M = 009
 10M = 010
 100M = 100
 1.5M = 1X5

Cable Outer Jacket
 HDPE = H
 LSZH = L
 PVC = P
 TPU = T

Cable Color
 Orange = O
 Yellow = Y
 Grey = T
 Green = G
 Violet = V
 Blue = B
 White = W
 Purple = P
 Turquoise (Aqua) = A
 Red = R
 Natural = N
 Black = K
 Light Pink = L
 12 Colors = E
 First 6 Colors = F
 Second 6 Colors = M
 First 4 Colors = N

Cable Type
 12F Breakout = 12
 24F Breakout = 24
 48F Breakout = 48

Fiber Type
 OM1 = O1
 OM2 = O2
 OM3 = O3
 OM4 = O4
 G652D = G2
 G657A1 = A1
 G657A2 = A2
 G657B = B0
 G657B3 (R5) = B3
 G657A TEC = G7

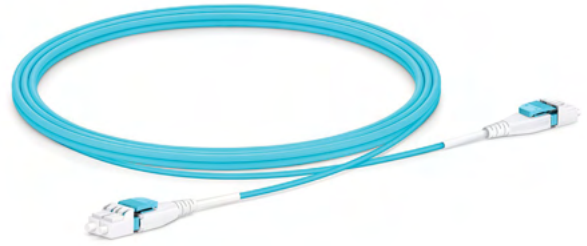
DUPLEX FIBER PATCH CORDS

LC - LC DUPLEX UNIBOOT FIBER PATCH CORDS

HTL's innovative & space-saving LC Pull Tab Fiber Patch Cords, as available in Single Mode & Multi-mode fiber types, are ideal for reducing cabling congestion in high-density assembly environments such as Data Centers, Central Office & FTTx networks.

PRODUCT FEATURES

- Ultra-low loss
- Compact 2mm round cable
- Low-profile housing design
- Bend-insensitive/bend optimized fibers
- Color-coded shroud to denote performance
- Fast polarity reversal with unique rotating connector keys
- Pulling tab for easy access to connectors in high-density environments
- Available in single-mode (OS1/OS2) and multi-mode (OM1/OM2/OM3/OM4/OM5) fiber types



APPLICATIONS

- FTTx
- Central Office
- Telecommunications
- Data Centers Cabling
- Structured Cabling Networks



ORDERING DETAILS

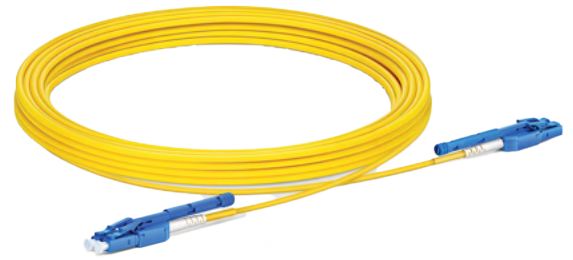
SL. NO.	Part code	Product description
1	PCULCUULCUG2R2YL001M	Patch Cord LC/UPC Uniboot G652D 2mm LSZH Yellow 1m
2	PCULCUULCUG2R2YL003M	Patch Cord LC/UPC Uniboot G652D 2mm LSZH Yellow 3m
3	PCULCUULCUA1R2YL001M	Patch Cord LC/UPC Uniboot G657A1 2mm LSZH Yellow 1m
4	PCULCUULCUA1R2YL003M	Patch Cord LC/UPC Uniboot G657A1 2mm LSZH Yellow 3m
5	PCULCUULCUO1R2OL001M	Patch Cord LC/UPC Uniboot OM1 2mm LSZH Orange 1m
6	PCULCUULCUO1R2OL003M	Patch Cord LC/UPC Uniboot OM1 2mm LSZH Orange 3m
7	PCULCUULCUO2R2AL001M	Patch Cord LC/UPC Uniboot OM2 2mm LSZH Orange 1m
8	PCULCUULCUO2R2AL003M	Patch Cord LC/UPC Uniboot OM2 2mm LSZH Orange 3m
9	PCULCUULCUO3R2AL001M	Patch Cord LC/UPC Uniboot OM3 2mm LSZH Aqua 1m
10	PCULCUULCUO3R2AL003M	Patch Cord LC/UPC Uniboot OM3 2mm LSZH Aqua 3m
11	PCULCUULCUO4R2XL001M	Patch Cord LC/UPC Uniboot OM4 2mm LSZH Erika Violet 1m
12	PCULCUULCUO4R2XL003M	Patch Cord LC/UPC Uniboot OM4 2mm LSZH Erika Violet 3m

*cable length available as per customer requirements

DUPLEX FIBER PATCH CORDS

LC - LC DUPLEX UNIBOOT PULL TAB FIBER PATCH CORDS

HTL's innovative & space-saving LC Uniboot Pull Tab Fiber Patch Cords, as available in Single Mode & Multimode fiber types, are ideal for reducing cabling congestion in high-density assembly environments such as Data Centers, Central Office & FTTx networks.



PRODUCT FEATURES

- Ultra-low loss
- Compact 2mm round cable
- Low-profile housing design
- Bend-insensitive/bend optimized fibers
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- Fast polarity reversal with unique rotating connector keys
- Pulling tab for easy access to connectors in high-density environments
- Available in single-mode (OS1/OS2) and multi-mode (OM1/OM2/OM3/OM4/OM5) fiber types

APPLICATIONS

- FTTx
- Central Office
- Telecommunications
- Data Centers Cabling
- Structured Cabling Networks



ORDERING DETAILS

SL. NO.	Part code	Product description
1	PCLLCULLCUG2R2YL001M	Patch Cord LC/UPC Uniboot Pull Tab G652D 2mm LSZH Yellow 1m
2	PCLLCULLCUG2R2YL003M	Patch Cord LC/UPC Uniboot Pull Tab G652D 2mm LSZH Yellow 3m
3	PCLLCULLCUA1R2YL001M	Patch Cord LC/UPC Uniboot Pull Tab G657A1 2mm LSZH Yellow 1m
4	PCLLCULLCUA1R2YL003M	Patch Cord LC/UPC Uniboot Pull Tab G657A1 2mm LSZH Yellow 3m
5	PCLLCULLCUO1R2OL001M	Patch Cord LC/UPC Uniboot Pull Tab OM1 2mm LSZH Orange 1m
6	PCLLCULLCUO1R2OL003M	Patch Cord LC/UPC Uniboot Pull Tab OM1 2mm LSZH Orange 3m
7	PCLLCULLCUO2R2AL001M	Patch Cord LC/UPC Uniboot Pull Tab OM2 2mm LSZH Orange 1m
8	PCLLCULLCUO2R2AL003M	Patch Cord LC/UPC Uniboot Pull Tab OM2 2mm LSZH Orange 3m
9	PCLLCULLCUO3R2AL001M	Patch Cord LC/UPC Uniboot Pull Tab OM3 2mm LSZH Aqua 1m
10	PCLLCULLCUO3R2AL003M	Patch Cord LC/UPC Uniboot Pull Tab OM3 2mm LSZH Aqua 3m
11	PCLLCULLCUO4R2XL001M	Patch Cord LC/UPC Uniboot Pull Tab OM4 2mm LSZH Erika Violet 1m
12	PCLLCULLCUO4R2XL003M	Patch Cord LC/UPC Uniboot Pull Tab OM4 2mm LSZH Erika Violet 3m

*cable length available as per customer requirements

PART CODE SCHEME

Replace X with the correct code to determine the correct LC Uniboot Patch Cord configuration

PC - X XX X X XX X XX X X X X XXX X

Connector Type - A Side
U = Uniboot
L = Uniboot Pull Tab

Connector Name A Side
LC = LC

Polish Type
U = UPC

Connector Type - B Side
U = Uniboot

Connector Name B Side
LC = LC

Polish Type
U = UPC

Fiber Type
G2 = G652D
A1 = G657A1
O1 = OM1
O2 = OM2
O3 = OM3
O4 = OM4
O5 = OM5

Length Unit
M = Meter
T = Ft

Cable Length
001 = 1m
002 = 2m
003 = 3m
004 = 4m
005 = 5m
006 = 6m
007 = 7m
008 = 8m
009 = 9m
010 = 10m
100 = 100m
1X5 = 1.5m

Cable Outer Jacket
H = HDPE
L = LSZH
P = PVC
T = TPU

Cable Colour
Y = Yellow
O = Orange
A = Turquoise (Aqua)
X = Erika Violet
C = Lime Green

Cable Dia
2 = 2mm

Cable Type
R = 2 Fiber Round Cable

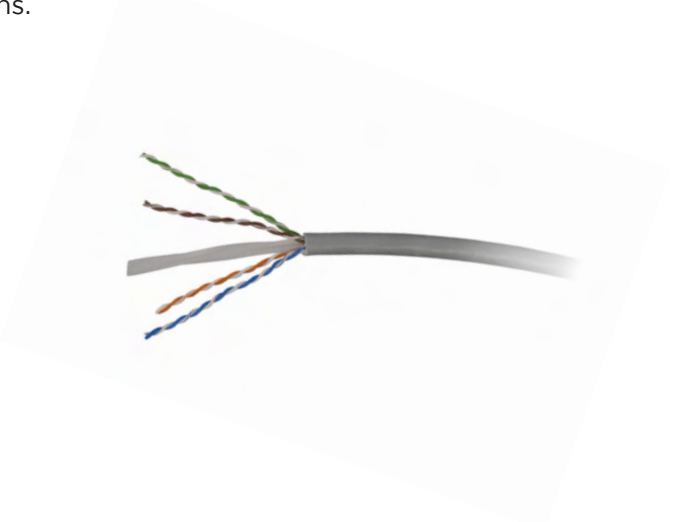
ETHERNET CABLES

CAT6A UTP ETHERNET HIGH SPEED 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABBUASBNSNFG305MR	CAT6A U/UTP 23AWG Cable - PVC
2	CABBUBSBNSNLG305MR	CAT6A U/UTP 24AWG Cable - LSZH

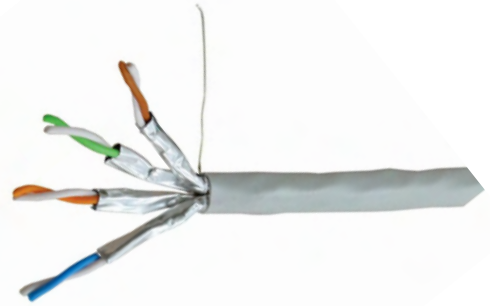
ETHERNET CABLES

CAT6A U/FTP ETHERNET HIGH SPEED 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABBIASBNSNFG305MR	CAT6A U/FTP 23AWG Cable - PVC
2	CABBIASBNSNLG305MR	CAT6A U/FTP 23AWG Cable - LSZH

ETHERNET CABLES

CAT6A F/UTP ETHERNET HIGH SPEED 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABBFASBNSNFG305MR	CAT6A F/UTP 23AWG Cable - PVC
2	CABBFASBNSNLG305MR	CAT6A F/UTP 23AWG Cable - LSZH

ETHERNET CABLES

CAT6A S/FTP ETHERNET HIGH SPEED 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABBSASB4DGFAPB305MR	CAT6A S/FTP 23AWG Cable - PVC
2	CABBSBSB4DGFAPB305MR	CAT6A S/FTP 24AWG Cable - LSZH

PART CODE SCHEME

Replace X with the correct code to determine the correct Ethernet Cable configuration

CAB - X X X X X X X X X X X X XXX X X

Category Variant
 CAT6 = A
 CAT6A = B
 CAT5E = C

Category Type
 UTP = U
 SF/UTP = S
 F/UTP = F
 U/FTP = I

AWG
 23 = A
 24 = B
 26 = C

Copper Cable Type
 Solid = S
 Stranded = T

Copper Type
 Bare Copper = B
 Tinned Copper = T

Tinned Copper Branding %
 40% = 4
 50% = 5
 60% = 6
 ≥70% = 7
 Customized = C
 UTP & F/UTP Not Applicable = N
 Only Strength Member GI = M

Sheath Type
 Single Sheath = S
 Double Sheath = D

Inner Sheath Color
 Grey = G
 Black = B
 Blue = L
 Green = N
 Yellow = Y
 Red = R

Packing
 Box = B
 Reel = R

Length Unit
 Meter = M
 FT = T

Length
 305 = 305
 500 = 500

Outer Sheath Color
 Grey = G
 Black = B
 Blue = L
 Green = N
 Yellow = Y
 Red = R
 Single Sheath = N

Outer Sheath Material
 PVC = F
 LSZH = L
 PE = P
 Single Sheath = N

Armouring
 GI Armoured = G
 AL Armoured = A
 Non Armoured = N
 ECCS Armoured = E

Inner Sheath Material
 PVC = F
 LSZH = L
 PE = P

ETHERNET PATCH CORDS

CAT6A UTP RJ-45 PATCH CORD

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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	PBUASBNAC1SNFG001M	CAT6A U/UTP Patch cord PVC Grey -1mt
2	PBUASBNAC1SNLG001M	CAT6A U/UTP Patch cord LSZH Grey -1m
3	PBUASBNAC1SNFG003M	CAT6A U/UTP Patch cord PVC Grey -3m
4	PBUASBNAC1SNLG005M	CAT6A U/UTP Patch cord LSZH Grey -5m

ETHERNET PATCH CORDS

CAT6A FTP RJ-45 PATCH CORD

HTL Passive Connectivity Solutions Cat6A FTP 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	PBFASBNACISNFG001M	CAT6A F/UTP Patch cord PVC Grey -1m
2	PBFASBNACISNLG001M	CAT6A F/UTP Patch cord LSZH Grey -1m
3	PBFASBNACISNFG003M	CAT6A F/UTP Patch cord PVC Grey -3m
4	PBFASBNACISNLG005M	CAT6A F/UTP Patch cord LSZH Grey -5m

ETHERNET PATCH CORDS

CAT6A S/FTP RJ-45 PATCH CORD

HTL Passive Connectivity Solutions Cat6A S/FTP 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
- 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
- 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



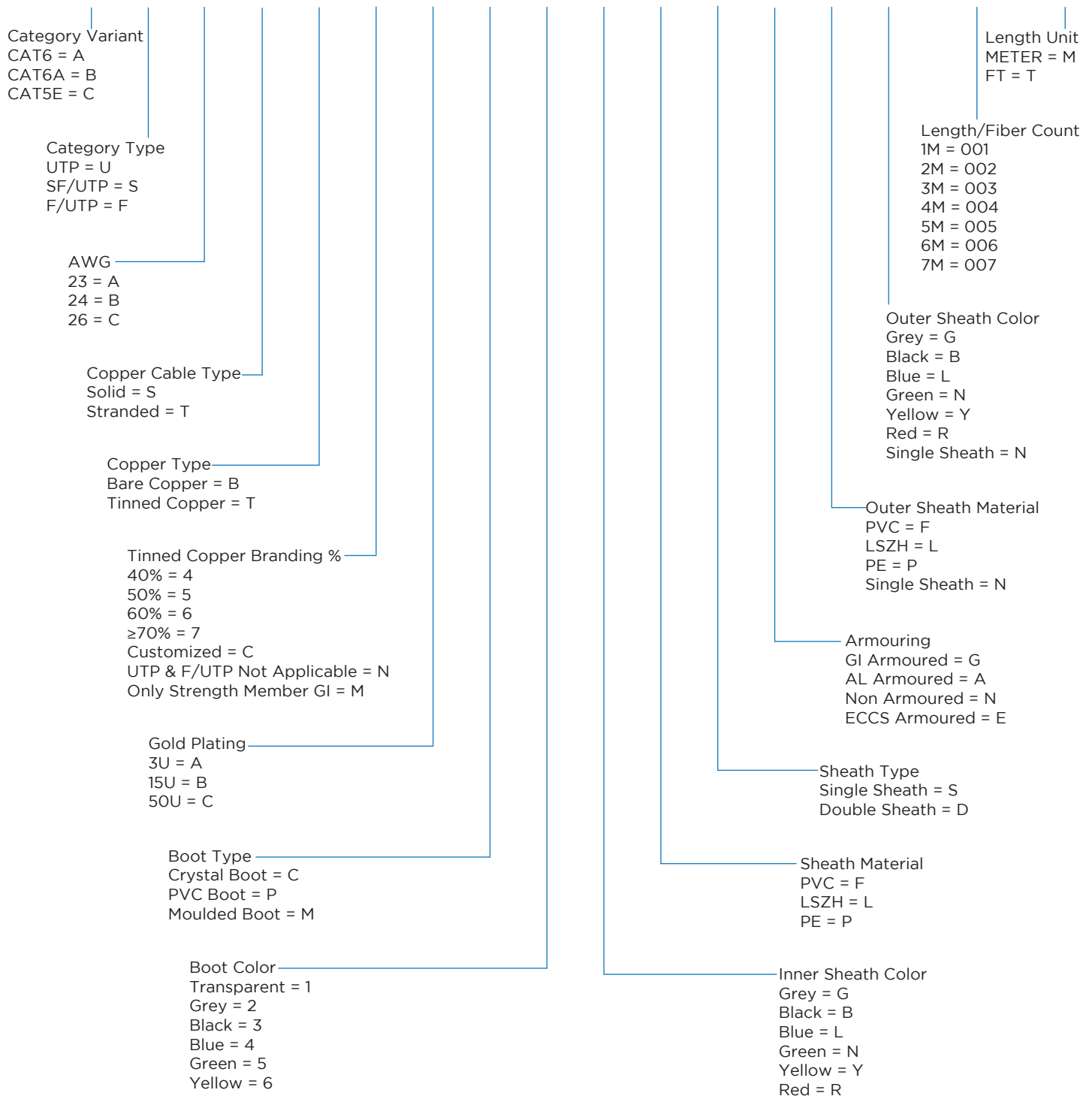
ORDERING DETAILS

SL. NO.	Part code	Product description
1	PBSASB4AC1BLSANN001M	CAT6A S/FTP 23AWG Patch cord LSZH Black -1m
2	PBSASB4AC1BLSANN003M	CAT6A S/FTP 23AWG Patch cord LSZH Black -3m
3	PBSBTB4AC1BLSANN001M	CAT6A S/FTP 24AWG Patch cord LSZH Black -1m
4	PBSBTB4AC1BLSANN003M	CAT6A S/FTP 24AWG Patch cord LSZH Black -3m

PART CODE SCHEME

Replace X with the correct code to determine the correct Ethernet Patch Cords configuration

P - X X X X X X X X X X X X X X XXX X



ETHERNET IO JACKS

CAT6A UNSHIELDED RJ-45 IO JACK

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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	IOJKC6AUTPA03WHI	CAT6A UTP IO Jack White
2	IOJKC6AUTPA03BLU	CAT6A UTP IO Jack Blue
3	IOJKC6AUTPA03GRN	CAT6A UTP IO Jack Green
4	IOJKC6AUTPA03BLK	CAT6A UTP IO Jack Black

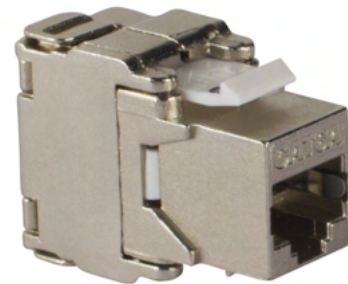
ETHERNET IO JACKS

CAT6A SHIELDED DIE-CAST RJ-45 IO JACK

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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	IOJKC6ASTPA03WHI	CAT6A STP IO Jack White
2	IOJKC6ASTPA03BLU	CAT6A STP IO Jack Blue
3	IOJKC6ASTPA03GRN	CAT6A STP IO Jack Green
4	IOJKC6ASTPA03BLK	CAT6A STP IO Jack Black

PART CODE SCHEME

Replace X with the correct code to determine the correct IO Jack configuration

IOJK - XXX XXX X XX XXX

Type

CAT 5E = C5E
CAT 6 = C06
CAT 6A = C6A

Shielding

UTP = UTP
STP = STP

IO Config

90 = A
180 = B
Toolless = T

Color

White = WHI
Red = RED
Yellow = YLW
Green = GRN

IO Gold

3U = 03
50U = 50

ETHERNET IO JACK PANEL

CAT6A UNSHIELDED IO JACK PANEL – 1U

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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	PPC6AUTPS1L06B24	CAT6A UTP 24P 1U Straight Jack Panel
2	PPC6AUTPA1L12B24	CAT6A UTP 24P 1U Angled Jack Panel
3	PPC6AUTPS2L08B48	CAT6A UTP 48P 2U Straight Jack Panel
4	PPC6AUTPA2L18B48	CAT6A UTP 48P 2U Angled Jack Panel

ETHERNET IO JACK PANEL

CAT6A SHIELDED IO JACK PANEL – 1U

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



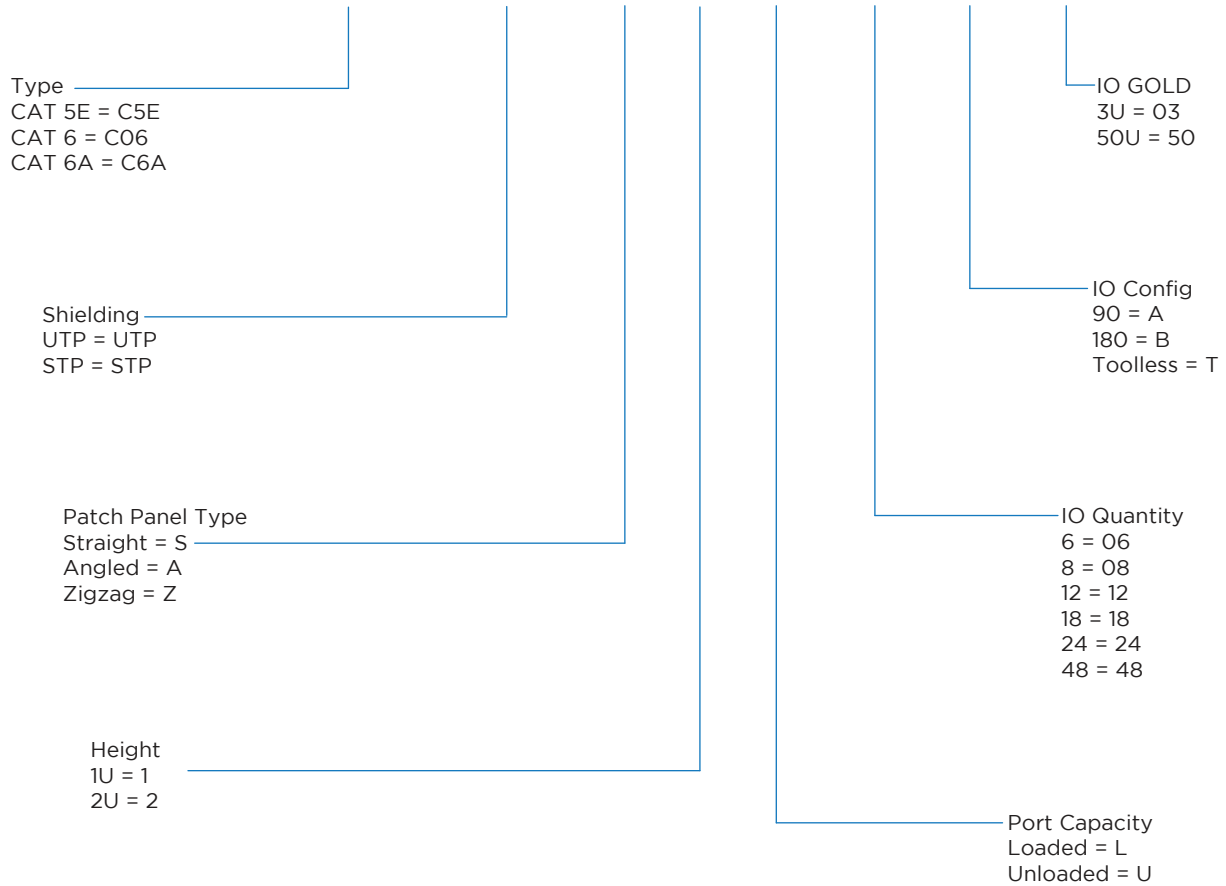
ORDERING DETAILS

SL. NO.	Part code	Product description
1	PPC6ASTPS1L06B24	CAT6A STP 24P 1U Straight Jack Panel
2	PPC6ASTPA1L12B24	CAT6A STP 24P 1U Angled Jack Panel
3	PPC6ASTPS2L08B48	CAT6A STP 48P 2U Straight Jack Panel
4	PPC6ASTPA2L18B48	CAT6A STP 48P 2U Angled Jack Panel

PART CODE SCHEME

Replace X with the correct code to determine the correct Jack Panel configuration

PP - XXX XXX X X X XX X XX



TRANSCEIVERS & CABLE ASSEMBLIES

QSFP/QSFP+TRANSCEIVERS

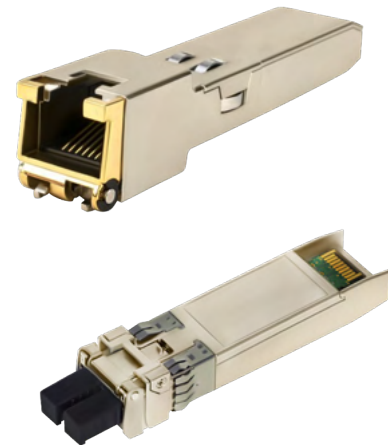
Transceivers convert electrical signals to optical signals, supporting high-speed data transmission over varying distances. It comes in various form factors such as SFP, QSFP, and CFP, supporting data rates from 1Gbps to 400Gbps and are crucial for optical network connections.

PRODUCT FEATURES

- Compact Design
- Low Power Consumption
- Supports up to 40Gbps for high data throughput
- Hot pluggable to maximize uptime and simplify serviceability

APPLICATIONS

- Data Centers
- Cloud Infrastructure
- Enterprise Networks
- Telecommunications



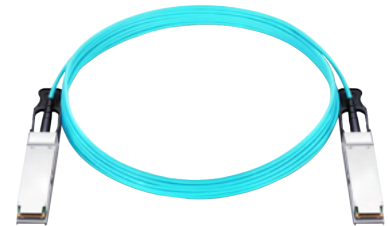
TRANSCEIVERS & CABLE ASSEMBLIES

AOC ASSEMBLIES

AOCs combine optical fiber with transceivers, delivering high bandwidth for medium to long-range data connections. They are lightweight, power-efficient, and ideal for cloud data centers and high-performance computing.

PRODUCT FEATURES

- Lightweight and Flexible
- Low Power Consumption
- Enhanced EMI suppression
- Supports up to 100Gbps data rates for large data transmission



APPLICATIONS

- Data Centers
- Telecom Networks
- Enterprise Networks
- Cloud & Hyperscale Data Centers



TRANSCEIVERS & CABLE ASSEMBLIES

DAC ASSEMBLIES

DACs are twinax copper cables that connect directly to network devices such as switches and servers, offering cost-effective, low-power, short-range data connections. It comes in active & passive variants—Passive DACs are ideal for very short distances, while Active DACs have integrated electronics for signal boosting, allowing slightly longer reach.

PRODUCT FEATURES

- Low Latency
- Plug-and-Play
- Low Power Consumption
- Supports 10Gbps Ethernet for fast data transmission



APPLICATIONS

- Data Centers
- Telecom Networks
- Enterprise Networks
- Storage Area Networks (SAN)





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