

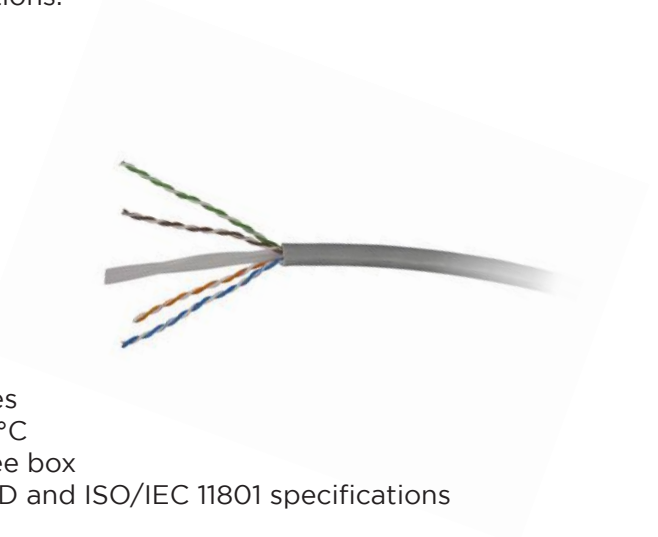
ETHERNET CABLES

CATEGORY 6 U/UTP CABLE

HFCL 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 & 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABAUASBNSNFG305MR	CAT6 U/UTP 23AWG Cable - PVC
2	CABAUASBNSNLG305MR	CAT6 U/UTP 23AWG Cable - LSZH
3	CABAUBSBNFG305MR	CAT6 U/UTP 24AWG Cable - PVC
4	CABAUBSBNLFG305MR	CAT6 U/UTP 24AWG Cable - LSZH

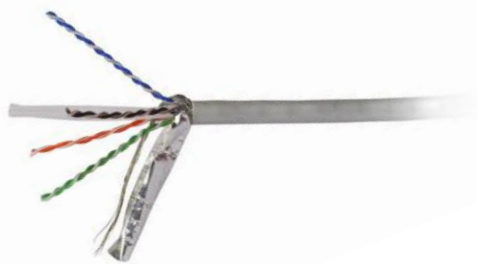
ETHERNET CABLES

CATEGORY 6 F/UTP 23AWG CABLE

HFCL 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABAFASBNSNFG305MR	CAT6 F/UTP 23AWG Cable - PVC
2	CABAFASBNSNLG305MR	CAT6 F/UTP 23AWG Cable - LSZH

ETHERNET CABLES

CATEGORY 6 S/FTP 23AWG CABLE

HFCL 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



ORDERING DETAILS

SL. NO.	Part code	Product description
1	CABASASB4DGFAPB305MR	CAT6 S/FTP 23AWG Cable - PE
2	CABASASB4DGFAPB305MR	CAT6 S/FTP 23AWG Cable - LSZH

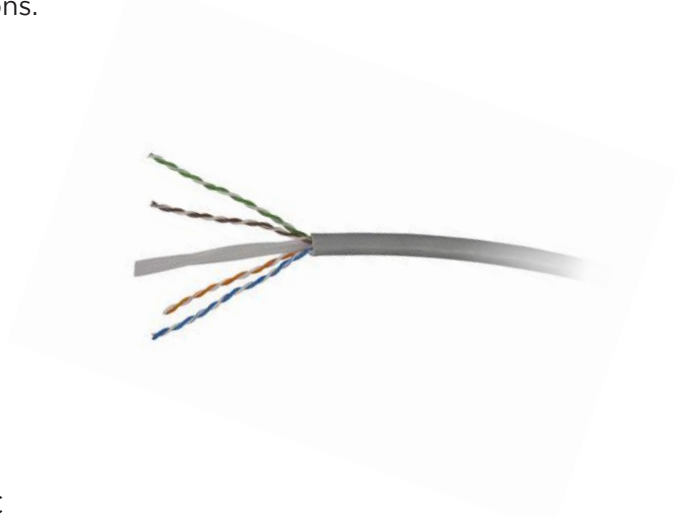
ETHERNET CABLES

CATEGORY 6A U/UTP CABLE

HFCL 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

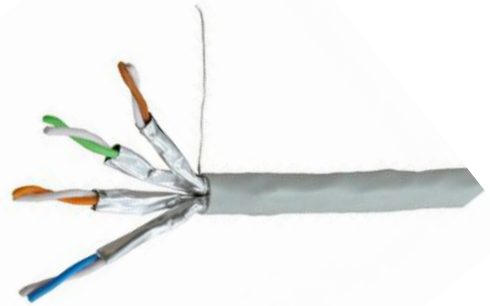
COPPER CABLES

CATEGORY 6A U/FTP 23AWG CABLE

HFCL 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

CATEGORY 6A F/UTP 23AWG CABLE

HFCL 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

CATEGORY 6A S/FTP CABLE

HFCL 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
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APPLICATIONS

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