

Huawei Access Controller AC6005 Ordering Guide

Product Overview

Huawei AC6005 is an access controller (AC) of a large capacity and high performance. It is highly reliable, easy to install and maintain, and features such advantages as flexible networking and energy conservation. WLAN AC6005 is located between an access device and aggregation device or between an access device and a core switch. It is usually deployed in residential areas, corridors, or central equipment rooms in buildings and installed in an indoor rack, cabinet, or on a desk. The AC6005 connects to APs through network interfaces to provide access services for users.

The AC6005 has two models: AC6005-8-PWR and AC6005-8. The AC6005 provides six GE electrical interfaces, two GE combo interfaces, an RS232 serial interface, and a USB interface. The six GE electrical interfaces and two GE combo electrical interfaces can work at a rate of 10/100/1000 Mbit/s. The two GE combo optical interfaces support 100/1000 Mbit/s auto-sensing optical modules. GE electrical interface 1 can be used as a 100 Mbit/s management network interface. Compared to the AC6005-8, the AC6005-8-PWR can function as a power sourcing equipment (PSE) to supply power.

Recommended Configurations

Table 1-1 Recommended configurations

Part Number	Part Description	Configuration Description	Quantity
AC6005			
02356813	AC6005-8-PWR-8AP Bundle(Including AC6005-8-PWR,Resource License 8AP)	Quotation is required. It can function as a PSE to supply power.	1
Optical module			
02315200	Datacom Products, DP0M0SFP, Optical Transceiver, eSFP, GE, Single-mode Module (1310 nm, 10 km, LC)	Optional. Quotation is required. The quantity is determined according to project requirements. It is used on combo optical interfaces.	4
Optical fiber			
14130199	Patch Cord, LC/PC-LC/PC, Single-mode, G.652D, 2 mm, 10 m	Optional. Single-mode, G.652, 2 mm, 20 m.	4
14130251	Patch Cord, LC/PC-LC/PC, Single-mode, G.652D, 2 mm, 20 m		
14130282	Patch Cord, LC/PC, LC/PC, Single-Mode, G.652D, 2 mm, 30 m		

Configuration Process

To configure the AC6005, perform the following steps:

Select an AC6005 model->Select licenses->Select accessories

1. Select an AC6005 model.

The AC6005 are available in three models. The three models can manage eight APs by default.

Table 1-2 List of AC6005 models

Part Number	Part Description	Configuration Description
02356813	AC6005-8-PWR-8AP Bundle(Including AC6005-8-PWR,Resource License 8AP)	Quotation is required. It can function as a PSE to supply power.
02356816	Assembling Components,AC6005-8-8AP Bundle(Including AC6005-8,Resource License 8AP)	Quotation is required. It cannot be used as a PSE.
02356920	Assembling Components,WLAN-D8-S Bundle(Including AC6005-8-8AP,Eight AP3010DN-AGN-CN)	Quotation is required. It is a distribution model sold only in China.

2. Select licenses.

When the number of APs supported by the purchased ACs cannot meet the customer's requirement or the customer needs to expand the network capacity, the customer needs to purchase licenses to increase the number of APs supported by the AC6005.

Skip this step if the purchased AC models meet requirements.

The AC6005 supports three types of licenses, as shown in the following table.

Table 1-3 List of AC6005 licenses

Part Number	Part Description	Configuration Description
88031VEB	Software Charge,AC6005,L-AC6005-1AP-S,AC6005 Access Controller AP Resource License(1 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6005. The total number of the selected licenses and available licenses on the device cannot exceed 128.
88031VEA	Software Charge,AC6005,L-AC6005-8AP-S,AC6005 Access Controller AP Resource License(8 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6005. The total number of the selected licenses and available licenses on the device cannot exceed 128.
88031VEC	Software Charge,AC6005,L-AC6005-32AP,AC6005 Access Controller AP Resource License(32 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6005. The total number of the selected licenses and available licenses on the device cannot exceed 128. It is sold only on markets outside China.

3. **Select accessories.**

To select AC6005 accessories, perform the following steps:

Select optical modules->Select optical fibers->Select network cables

(1) **Select optical modules.**

The AC6005 provides two GE combo interfaces. Select optical modules of proper types according to the interfaces used.

Table 1-4 List of optical modules

Part Number	Part Description	Configuration Description
02230YGU	AC6005, GE-SFP Optical Transceiver	
02315204	Datacom Products, DP0M0ESFP, Optical Transceiver, eSFP, GE, Multimode Module (850 nm, 0.5 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02315200	Datacom Products, DP0M0SFP, Optical Transceiver, eSFP, GE, Single-mode Module (1310 nm, 10 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02317346	Switch Products, LE0M0GS4DD, Optical Transceiver, eSFP, GE, Single-mode Module (1310 nm, 40 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02317347	Switch Products, LE0M0GS4FF, Optical Transceiver, eSFP, GE, Single-mode Module (1550 nm, 40 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such



Part Number	Part Description	Configuration Description
		modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02317348	Switch Products, LE0M0GS8FF, Optical Transceiver, eSFP, GE, Single-mode Module (1550 nm, 80 km, LC)	Optional. Quotation is required. 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02315206	Datacom Products, DP0M2ESFP, Optical Transceiver, eSFP, GE, Single-mode Module (1550 nm, 100 km, LC)	Optional. Quotation is required. 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPN	Transceiver, eSFP, 1471 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	Optional. Quotation is required. 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPK	Transceiver, eSFP, 1491 nm, 100M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	Optional. Quotation is required. 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPH	Transceiver, eSFP, 1511 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	Optional. Quotation is required. 1. This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005.



Part Number	Part Description	Configuration Description
		<ol style="list-style-type: none">Each AC6005 can have at most two such modules configured.Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPL	Transceiver, eSFP, 1531 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none">This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005.Each AC6005 can have at most two such modules configured.Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPG	Transceiver, eSFP, 1551 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none">This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005.Each AC6005 can have at most two such modules configured.Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LNS	Transceiver, eSFP, 1571 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none">This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005.Each AC6005 can have at most two such modules configured.Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LNT	Transceiver, eSFP, 1591 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none">This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005.Each AC6005 can have at most two such modules configured.Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPJ	Transceiver, eSFP, 1611 nm, 100 M-2.67 Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none">This item is a GE optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the



Part Number	Part Description	Configuration Description
		AC6005. 2. Each AC6005 can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02230YGV	AC6005, FE/STM1-SFP Optical Transceiver	
02315233	Datacom Products, DP0M5SFP, Optical Transceiver, SFP, 100M/155 M, Multimode Module (1310 nm, 2 km, LC)	Optional. Quotation is required. 1. This item is a 100 Mbit/s optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most four such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02315205	Datacom Products, DP0M1ESFP, Optical Transceiver, eSFP, 100 M/155 M, Single-mode Module (1310 nm, 15 km, LC)	Optional. Quotation is required. 1. This item is a 100 Mbit/s optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most four such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02317344	Switch Products, LE0M0FS4DD, Optical Transceiver, eSFP, FE, Single-mode Module (1310 nm, 40 km, LC)	Optional. Quotation is required. 1. This item is a 100 Mbit/s optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most four such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02317345	Switch Products, LE0M0FS8FF, Optical Transceiver, eSFP, FE, Single-mode Module (1550 nm, 80 km, LC)	Optional. Quotation is required. 1. This item is a 100 Mbit/s optical module and has independent transmit and receive channels. It is used on combo optical interfaces of the AC6005. 2. Each AC6005 can have at most four such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.



Part Number	Part Description	Configuration Description
02230YGT	AC6005, BIDI-SFP Optical Transceiver	
02315286	Datacom Products, DP0M7SFP, Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 10 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a GE optical module used on combo optical interfaces of the AC6005.2. It is a GE single-fiber bidirectional optical module and must be used with 02315285.3. Each AC6005 can have at most two such modules configured.4. Each optical module has one optical fiber configured.
02315285	Datacom Products, DP0M6SFP, Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 10 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a GE optical module used on combo optical interfaces of the AC6005.2. It is a GE single-fiber bidirectional optical module and must be used with 02315286.3. Each AC6005 can have at most two such modules configured.4. Each optical module has one optical fiber configured.
02315203	Datacom Products, DP0M3SFP, Optical Transceiver, eSFP, FE, BIDI Single-mode Module (TX1310/RX1550, 15 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a 100 Mbit/s optical module used on combo optical interfaces of the AC6005.2. It is an FE single-fiber bidirectional optical module and must be used with 02315202.3. Each AC6005 can have at most two such modules configured.4. Each optical module has one optical fiber configured.
02315202	Datacom Products, DP0M2SFP, Optical Transceiver, eSFP, FE, BIDI Single-mode Module (TX1550/RX1310, 15 km, LC)	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a 100 Mbit/s optical module used on combo optical interfaces of the AC6005.2. It is an FE single-fiber bidirectional optical module and must be used with 02315203.3. Each AC6005 can have at most two such modules configured.4. Each optical module has one optical fiber configured.

(2) Select optical fibers.

The optical fiber configuration principles are as follows:

1. If an optical module with independent transmit and receive channels is used, each optical interface requires one Tx fiber and one Rx fiber of the same type. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
2. Single-mode optical modules must be used with single-mode optical fibers, and multimode optical modules must be used with multimode optical fibers. By default, no optical fiber is delivered with the product.

Table 1-5 List of optical fibers

Part Number	Part Description	Configuration Description
14130197	Patch Cord, FC/PC, LC/PC, Single-mode, G.652D, 2 mm, 10 m	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a single-mode optical fiber and can be used only with a single-mode optical module. 2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130222	Patch Cord, LC/PC-LC/PC, Multimode, 2 mm, 10 m	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a multimode optical fiber and can be used only with a multimode optical module. 2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130295	Patch Cord, LC/PC-LC/PC, Multimode, 2 mm, 20 m	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a multimode optical fiber and can be used only with a multimode optical module. 2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130199	Patch Cord, LC/PC-LC/PC, Single-mode, G.652D, 2 mm, 10 m	Optional. Quotation is required. <ol style="list-style-type: none"> 1. This item is a single-mode optical fiber and can be used only with a single-mode optical module. 2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130251	Patch Cord, LC/PC-LC/PC, Single-mode,	Optional. Quotation is required.



Part Number	Part Description	Configuration Description
	G.652D, 2 mm, 20 m	<ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130223	Patch Cord, LC/PC-SC/PC, Multimode, 2 mm, 10 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130279	Patch Cord, LC/PC, SC/PC, Multimode, 2 mm, 20 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130196	Patch Cord, LC/PC-SC/PC, Single-mode, G.652D, 2 mm, 10 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130280	Patch Cord, LC/PC, SC/PC, Single-mode, G.652D, 2 mm, 20 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130276	Patch Cord, LC/PC, SC/PC, Single-mode,	Optional. Quotation is required.



Part Number	Part Description	Configuration Description
	G.652D, 2 mm, 30 m	<ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130277	Patch Cord, FC/PC, LC/PC, Multimode, 2 mm, 30 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130278	Patch Cord, FC/PC, LC/PC, Single-mode, G.652D, 2 mm, 30 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130282	Patch Cord, LC/PC, LC/PC, Single-mode, G.652D, 2 mm, 30 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130294	Patch Cord, LC/PC-LC/PC, Multimode, 2 mm, 30 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130273	Patch Cord, FC/PC, LC/PC, Multimode, 2	Optional. Quotation is required.



Part Number	Part Description	Configuration Description
	mm, 20 m	<ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130274	Patch Cord, FC/PC, LC/PC, Single-mode, G.652D, 2 mm, 20 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130275	Patch Cord, LC/PC, SC/PC, Multimode, 2 mm, 30 m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130221	Patch Cord, FC/PC, LC/PC, Multimode, 2mm,10m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a multimode optical fiber and can be used only with a multimode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130253	Patch Cord,FC/PC-SC/PC, Singlemode, G.652D, 3mm, 10m	Optional. Quotation is required. <ol style="list-style-type: none">1. This item is a single-mode optical fiber and can be used only with a single-mode optical module.2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130230	Patch Cord,SC/PC-SC/PC, Singlemode,	Optional. Quotation is required.

Part Number	Part Description	Configuration Description
	G.652D, 3mm, 10m	<ol style="list-style-type: none"> 1. This item is a single-mode optical fiber and can be used only with a single-mode optical module. 2. If an optical module with independent transmit and receive channels is used on the optical interface, each optical interface requires one Tx fiber and one Rx fiber. If a single-fiber bidirectional optical module is used, each interface requires only one optical fiber.
14130001	Adapter, FC-FC, 2, Silvery white, Shell: Metal, Sleeve: Zirconia, Round	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none"> 1. This item is used to connect two optical fibers with FC connectors. 2. The quantity is determined according to project requirements.
14130134	Adapter, SC-SC, 2, Blue, Shell: Plastic, Sleeve: Zirconia, Square	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none"> 1. This item is used to connect two optical fibers with SC connectors. 2. The quantity is determined according to project requirements.
14130248	Adapter, LC/PC-LC/PC, 2, Blue, Shell: Plastic, Sleeve: Zirconia, Square	<p>Optional. Quotation is required.</p> <ol style="list-style-type: none"> 1. This item is used to connect two optical fibers with LC/PC connectors. 2. The quantity is determined according to project requirements.

A power adapter (14130001, 14130134, and 14130248) is used to connect two optical jumpers or to connect an optical jumper to an optical module when connectors of the optical jumper do not match with the optical module interfaces.

(3) Select network cables.

Purchase network cables according to project requirements.

Table 1-6 List of network cables

Part Number	Part Description	Configuration Description
25050014	Twisted-Pair Cable, 100 ohm, Category 5e UTP, 0.51 mm, 24 AWG, 8 Cores, PANTONE 430U, Use with Plug: 14080082	Quotation is required. The quantity is determined according to project requirements.
14080082	Network Interface Connector, 8-Bit 8-Pin, Crystal Plug, Matching 25050014	Quotation is required. The quantity is determined according to project requirements.