Huawei Access Controller AC6605-26-PWR Ordering Guide

Product Overview

Huawei-developed AC6605-26-PWR has high specifications and integrates GE Ethernet switch functionalities for both wired and wireless access control. The AC6605-26-PWR offers users with considerable flexibility in configuring the number of managed APs. Used with industry-leading, performance-enhanced, and cost-effective Huawei APs, the AC6605-26-PWR helps build campus and enterprise office networks of various scales, and extend wireless Metropolitan Area Network (MAN) coverage and hotspot coverage.

Recommended Configurations

Table 1-1 Recommended configurations

Part Number	Part Description	Configuration Description	Quantity
AC6605-26-PWR			
S4017394	AC6605-26-PWR-128AP Bundle (including AC6605-26-PWR, Resource License 128AP)	Quotation is required. It is sold only on markets outside China.	1
Power supply			
02310JFA	S5710 Series, ES0W2PSA0150, 150 W AC Power Module	This item is optional and quotation is required. 1. The power module is recommended for use on the AC6605-26-PWR. 2. It is a non-PoE power module. It is used when the device does not need to provide power for the downstream devices. 3. The AC power module cannot be used together with the other type of power modules.	1
4041056	External Power Cable, European AC Power Cable, 250 V, 10 A, 3 m, 3 x 1.0 mm ^ 2 Black, PFSM, H05VVF 3 x 1.0 mm ^ 2B, C13SF	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.	1
Optical module			
02315200	Datacom Products, DP0M0SFP, Optical Transceiver, eSFP, GE, Single-mode Module (1310 nm, 10 km, LC)	This item is optional and quotation is required. The quantity is determined according to project requirements. It is used on combo optical interfaces.	4
02318170	Switch Products, LE0M0XS1DD, Optical	This item is optional and quotation is required. The quantity is determined according to project	2

Part Number	Part Description	Configuration Description	Quantity
	Transceiver, SFP+, 10 G, Single-mode Module (1310 nm, 10 km, LC)	requirements. It is used on the SFP+ interfaces of the AC6605-26-PWR. Each AC6605-26-PWR can have at most two such modules configured.	
Optical fiber			
14130199	Patch Cord, LC/PC-LC/PC, Single-mode, G.652D, 2 mm, 10 m	Optional. Single-mode, G.652D, 2 mm, 10 m.	12
14130251	Patch Cord, LC/PC-LC/PC, Single-mode, G.652D, 2 mm, 20 m	Optional. Single-mode, G.652, 2 mm, 20 m.	
14130282	Patch Cord, LC/PC, LC/PC, Single-Mode, G.652D, 2 mm, 30 m	Optional. Single-mode, G.652, 2 mm, 30 m.	

Configuration Process

To configure the AC6605-26-PWR, perform the following steps:

Select an AC6605-26-PWR model->Select licenses->Select accessories

1. **Select an AC6605-26-PWR model.**

   Select an AC6605-26-PWR model according to the network scale and number of managed APs. The AC6605-26-PWR are available in six models, as shown in the following figure.

Table 1-2 List of AC6605 models

Part Number	Part Description	Configuration Description
S4017388	AC6605-26-PWR-Bundle (including AC6605-26-PWR, Resource License 16AP)	Quotation is required. The quantity is determined according to project requirements. It is sold only on markets outside China.
S4017392	AC6605-26-PWR-32AP Bundle (including AC6605-26-PWR, Resource License 32AP)	Quotation is required. The quantity is determined according to project requirements. It is sold only on markets outside China.
S4017393	AC6605-26-PWR-64AP Bundle (including AC6605-26-PWR, Resource License 64AP)	Quotation is required. The quantity is determined according to project requirements.
S4017394	AC6605-26-PWR-128AP Bundle (including AC6605-26-PWR, Resource License 128AP)	Quotation is required. The quantity is determined according to project requirements. It is sold only on markets outside China.
S4017395	AC6605-26-PWR-256AP Bundle (including AC6605-26-PWR, Resource	Quotation is required. The quantity is determined according to project requirements. It is sold only on

Part Number	Part Description	Configuration Description
	License 256AP)	markets outside China.
S4017396	AC6605-26-PWR-512AP Bundle (including AC6605-26-PWR, Resource License 512AP)	Quotation is required. The quantity is determined according to project requirements. It is sold only on markets outside 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 AC6605-26-PWR.

   Skip this step if the purchased AC models meet requirements.

   The AC6605-26-PWR supports three types of licenses, as shown in the following figure.

Table 1-3 List of AC6605-26-PWR licenses

Part Number	Part Description	Configuration Description
88031BVE	Software Charge, AC6605, L-AC6605-16AP, AC6605 Access Controller AP Resource License (16 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6605. The total number of the selected licenses and available licenses on the device cannot exceed 512.
88031BVF	Software Charge, AC6605, L-AC6605-64AP, AC6605 Access Controller AP Resource License (64 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6605. The total number of the selected licenses and available licenses on the device cannot exceed 512.
88031FJP	Software Charge,AC6605,L-AC6605-128AP,AC6605 Access Controller AP Resource License(128 AP)	Quotation is required. The quantity is determined according to project requirements. This license applies only to the AC6605. The total number of the selected licenses and available licenses on the device cannot exceed 512. It is sold only on markets outside China.

3. **Select accessories.**

   To select AC6605 accessories, perform the following steps:

   Select power modules->Select optical modules->Select optical fibers->Select power cables->Select network cables ->Select other accessories

   (1) Select power modules.

   The AC6605-26-PWR provides two power slots working in backup mode and supports three types of power modules: 150 W AC, 150 W DC, and 500 W PoE. To support PoE functions, configure a 500 W power module for the device.

   The power module is not included in the standard configuration of the AC6605-26-PWR and must be purchased independently.

Table 1-4 List of AC6605-26-PWR power modules

Part Number	Part Description	Configuration Description
02310JFA	S5710 Series, ES0W2PSA0150, 150 W AC Power Module	This item is optional and quotation is required. 1. The power module is recommended for use on the AC6605. 2. It is a non-PoE power module. It is used when the device does not need to provide power for the downstream devices. 3. The AC power module cannot be used together with the other type of power modules.
02310JFD	S5710 Series, ES0W2PSD0150, 150 W DC Power Module	This item is optional and quotation is required. 1. It is a non-PoE power module and is used when the device does not need to provide power for the downstream devices. 2. The DC power module cannot be used together with the other type of power modules.
02130983	AC/DC power module, 25° C-55° C, 90 V-264 V-12 V/10 A, 53.5 V/7.1 A	It is optional and quotation is required. The power module cannot be used together with the other type of power modules. 1. It is a 500 W PoE power module. 2. Power supply redundancy is supported. Each AC can have at most two power modules configured. The power module cannot be used together with the other type of power modules. 3. One 500 W PoE power module can provide 30 W PoE+ power for a maximum of 12 interfaces. Two 500 W PoE power modules can provide 30 W PoE+ power for a maximum of 24 interfaces. 4. The PoE power module must be selected according to local standards. The power cable is 3 m long by default.

Select AC cables of proper types according to the delivery destination. The number of AC cables must be the same as the number of AC power modules.

Table 1-5 List of power cables

Part Number	Part Description	Configuration Description
4020728	External Power Cable, North American AC Power Cable, 125 V, 10 A, 3.00 m, 3*0.8 mm ^ 2, Black, PBSM, (18SJT (3C)), C13SF, W3394	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4041056	External Power Cable, European AC Power Cable, 250V, 10A, 3 m, 3 x 1.0 mm ^ 2 Black, PFSM, H05VVF 3 x 1.0 mm ^ 2B, C13SF	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.

Part Number	Part Description	Configuration Description
4040890	British/Singapore/Hong Kong Power Cable, 250 V,10 A, 3 m, G-Type 3-pin Angled Plug /HVV05F 3 x 1.5 mm ^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4040887	External Power Cable, Japan AC Power Cable, 125 V, 12 A, 3 m, 3*1.25 mm ^2, Black, PBSM, HVCTF-1.25^ 2 (3C), C13SF	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4040889	Hong Kong Power Cable, 250 V, 10 A, 3 m, D-Type 3-pin Angled Plug /HVV05F 3x1.5 mm^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4040888	Australian Power Cable, 250 V, 10 A, 3 m, 3*1.0 mm ^2, Black, I-Type 3-pin Straight Plug, H05VV-F-1.0^ 2 (3C), 3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4041119	Swiss Power Cable, 250 V,10 A, 3 m, J-Type 3-pin Straight Plug /HVV05F 3 x 1 mm ^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4041120	Italian Power Cable, 250 V, 10A, 3 m, L-Type 3-pin Straight Plug / HVV05F 3 x 1 mm ^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4047785	Argentinian Power Cable, 250 V, 10 A, 3 m, I-Type 3-pin Straight Plug /H05VV-F 3 x 1 mm ^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4041117	Outsourced Cable, British/Singapore Power Cable, 250 V, 10 A, 3 m, G-Type 3-pin Angled Plug /HVV05F 3x1.5 mm ^2, Black/3-pin Left-Angled Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4041104	Chinese Power Cable, 250 V, 10 A, 3 m, I-Type 3-pin Straight Plug / 227IEC53 (RVV) 3 x 1 mm ^2, Black/3-pin Straight Connector	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.
4150258	Power Cable, 3.0 m, 1.00 mm ^2, Black (Brown, Blue, Yellow/Green), CH10S3, H05VV-F 3G1.00 NBR13249, C13 Straight Connect, Brazilian AC Power Cable	It it not a quotation item and included in the standard configuration of the AC. Select power cables according to local standards. The power cable is 3 m long by default.

(2) Select optical modules.

The AC6605-26-PWR provides four GE combo interfaces and two SFP+ optical interfaces. Select optical modules of proper types according to the interfaces used.

Table 1-6 List of optical modules

Part Number	Part Description	Configuration Description
02230AXT	**S23/33/53, 10 G-SFP+ Optical Transceiver**	
02318169	Switch Products, LE0M0XSM88, Optical Transceiver, SFP+, 10 G, Multimode Module (850 nm, 0.3 km, LC)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02318170	Switch Products, LE0M0XS1DD, Optical Transceiver, SFP+, 10 G, Single-mode Module (1310 nm, 10 km, LC)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310CNF	Switch Products, LE0M0XS4FF, Optical Transceiver, SFP+, 10 G, Single-mode Module (1550 nm, 40 km, LC)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310CRM	Switch Products, LE0M0 X SMDD, Optical Transceiver, SFP+, 10 G, Multimode Module (1310 nm, 0.22 km, LC, LRM)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310JFE	Switch Products, LE2MXSC80FF0, Optical Transceiver, SFP+, 10 G, Single-mode Module (1550nm, 80km, LC)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR.

Part Number	Part Description	Configuration Description
		2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02238331	**S23/33/53, GE-SFP Optical Transceiver**	
02315204	Datacom Products, DP0M0ESFP, Optical Transceiver, eSFP, GE, Multimode Module (850 nm, 0.5 km, LC)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has

Part Number	Part Description	Configuration Description
	Module (1550 nm, 80 km, LC)	independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02310LPL	Transceiver, eSFP, 1531 nm, 100 M-2.67	This item is optional and quotation is required.

Part Number	Part Description	Configuration Description
	Gbit/s, 5 dBm, 0 dBm, -28 dBm, LC, 80 km	1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. 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	This item is optional and quotation is required. 1. This item is a 10GE optical module and has independent transmit and receive channels. It is used on the upstream 10GE 2 x SFP+ interfaces of the AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most two such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.

Part Number	Part Description	Configuration Description
02238338	**S23/33/53, FE/STM1-SFP Optical Transceiver**	
02315233	Datacom Products, DP0M5SFP, Optical Transceiver, SFP, 100M/155 M, Multimode Module (1310 nm, 2 km, LC)	This item is optional and 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 AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and 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 AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and 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 AC6605-26-PWR. 2. Each AC6605-26-PWR 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)	This item is optional and 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 AC6605-26-PWR. 2. Each AC6605-26-PWR can have at most four such modules configured. 3. Each module has two optical fibers configured: a Tx fiber and an Rx fiber.
02238340	**S23/33/53, BIDI-SFP Optical Transceiver**	
02315286	Datacom Products, DP0M7SFP, Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1490/RX1310, 10 km, LC)	This item is optional and quotation is required. 1. This item is a GE optical module used on combo optical interfaces of the AC6605-26-PWR. 2. It is a GE single-fiber bidirectional optical

Part Number	Part Description	Configuration Description
		module and must be used with 02315285. 3. Each AC6605-26-PWR can have at most six such modules configured (four on combo optical interfaces and two on SFP+ interfaces). 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)	This item is optional and quotation is required. 1. This item is a GE optical module used on combo optical interfaces of the AC6605-26-PWR. 2. It is a GE single-fiber bidirectional optical module and must be used with 02315286. 3. Each AC6605-26-PWR can have at most six such modules configured (four on combo optical interfaces and two on SFP+ interfaces). 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)	This item is optional and quotation is required. 1. This item is a 100 Mbit/s optical module used on combo optical interfaces of the AC6605-26-PWR. 2. It is an FE single-fiber bidirectional optical module and must be used with 02315202. 3. Each AC6605-26-PWR can have at most four such modules configured on four combo optical interfaces. 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)	This item is optional and quotation is required. 1. This item is a 100 Mbit/s optical module used on combo optical interfaces of the AC6605-26-PWR. 2. It is an FE single-fiber bidirectional optical module and must be used with 02315203. 3. Each AC6605-26-PWR can have at most four such modules configured on four combo optical interfaces. 4. Each optical module has one optical fiber configured.

(3) 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 1-7 Chart 7 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. 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. 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. 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. 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	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. 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. 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. 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. 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	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. 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. 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. 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. 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	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. 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. 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. 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.
14130001	Adapter, FC-FC, 2, Silvery white, Shell: Metal, Sleeve: Zirconia, Round	Optional. Quotation is required. 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	Optional. Quotation is required. 1. This item is used to connect two optical fibers with SC connectors. 2. The quantity is determined according to project requirements.

Part Number	Part Description	Configuration Description
14130248	Adapter, LC/PC-LC/PC, 2, Blue, Shell: Plastic, Sleeve: Zirconia, Square	Optional. Quotation is required. 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.

(4) Select Network Cables

Purchase network cables according to project requirements.

Table 1-8 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.

(5) Select other accessories.

Purchase other accessories according to project requirements.

Table 1-9 List of other accessories

Part Number	Part Description	Configuration Description
21121772	DKBA8.038.5971, ETSI Mounting Angle, for ETSI Cabinet	Quotation is required. The quantity is determined according to project requirements.