

NOKIA

DX 200

BSC3i S10.5

Equipment List, BSC3i

Site Documents

BSC3018_P

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Summary of changes

Changes between document issues are cumulative. Therefore, the latest document issue contains all changes made to previous issues.

Issue 1

The first edition.

1 About this document

1.1 Introduction

This document provides a list of all hardware (HW) products (cabinet mechanics, cartridges, plug-in units and required accessories) of the DX 200 BSC3i. This delivery is composed of one cabinet BSCC. The actual equipping list (in *Equipment lists for the BSCC*) includes the physical positions of hardware items inside the cabinet. The document serves both as a guide for building the BSC3i either in the factory or on customer's site and as a document in the Site documents set.

1.2 Notations used in Equipping Lists

The positions are presented in the form of a table. The tables (in *Equipment lists for the BSCC*) have the following columns:

- *Position* shows the co-ordinates inside the rack and the number of the slot in the cartridge. (F = Front, B = Back, R = Upper, S = Lower)
- *ID* (Identification) shows the identification code of the rack, cartridge, plug-in unit or accessory.
- *Name* shows the abbreviated name of the HW product for the identification code in the previous column.
- *Cartridge* shows either the name and number of the cartridge or Functional Unit equipped into the cartridge in this particular position. Functional Unit name is given when one cartridge forms one functional unit.
- *FU* (Functional Unit) shows the name and index number of the Functional Unit equipped into the cartridge in this particular position.
- *Use* gives additional information concerning the use of functional units or individual products installed.
- *Notes* column includes additional information, for example, the positioning of the terminators required.

1.3 **Typographic conventions**

The following table presents the conventions used in the BSC3i manuals.

Table 1. Typographic conventions.

<i>Italic font</i>	Indicates a reference to a manual, chapter or section, for example: See Chapter 3 <i>Installation</i> .
Bold font	Indicates a word or phrase that is emphasised, for example: <i>Notes</i> column includes...

1.4 **Your comments**

We are always interested to know whether our manuals provide the information you want. If you have any comments about this document or any Nokia manual, please pass them on to your local Nokia sales representative.

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Equipping the BSCC

2.1 Introduction

This chapter provides no exact information on the equipping rules of the BSC3i cabinets but only a short introduction to the equipping listings shown in *Equipment lists for the BSCC*.

2.2 General configuration rules

There are some general rules in configuring the BSC3i:

- Cover plates should be used on empty slots in each computer cartridge. SHIM4T cover plates must be used in IC209-A cabinets.
- Cover plates COP48T should be used on empty slots in each empty BCSU cartridge.
- If message bus cable ends in an empty cartridge, a power supply plug-in unit must be installed into this cartridge and to the redundant cartridge too.
- In mass memory storage devices, all adapters must be installed.
- Memory modules are installed into the CPU.
- All functional units that are of the same type must have consistent configuration.

2.3 Equipping the cabinets

The BSC3i cabinet has fixed location of functional units. This configuration can not be altered. All intracabinet cables are installed at the factory.

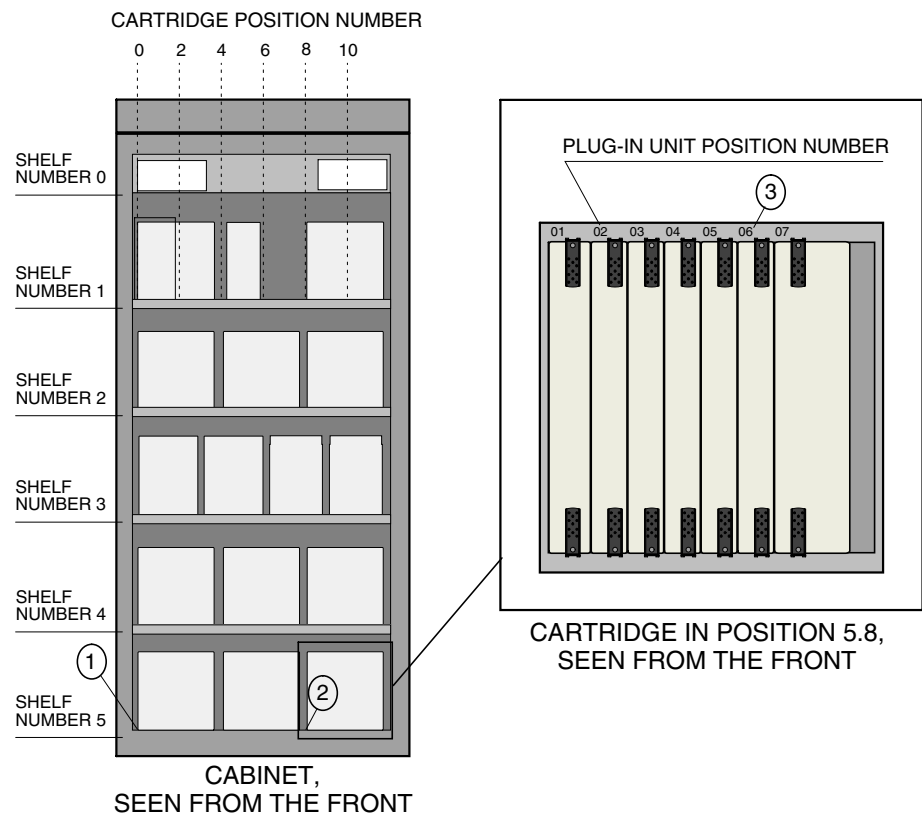
2.4 Equipping the Functional Units

The BSCC equipment contains several functional units, as shown in the figure below. The maximum configuration of the BSCC equipment is shown in the tables in *Equipment lists for the BSCC*.

2.5 Stickers and labels

The available network element stickers and location part stickers may be installed at the factory or at the installation site.

2.6 Equipment kit



F = FRONT B = BACK

DN98618501

1	Position	ID	Name	FU	Use	Note
	5.8	C8938	CC3C-A	BDCU 0		
2	F01	C8953	PSC6-A		Power Supply	
	F02					
	F03	C8944 / C8951	AC25-A / AS7-A		X.25 Interface; or G.703 Interface	
	F04	C8944 / C8951	AC25-A / AS7-A		X.25 Interface; or G.703 Interface	
	F05	C8944 / C8951	AC25-A / AS7-A		X.25 Interface; or G.703 Interface	
	F06	3 C8944 / C8951	AC25-A / AS7-A		X.25 Interface; or G.703 Interface	
	F07	C8944 / C8951	AC25-A / AS7-A		X.25 Interface; or G.703 Interface	

Figure 1. Reading instructions for equipment lists (example).

3 Equipment lists for the BSCC

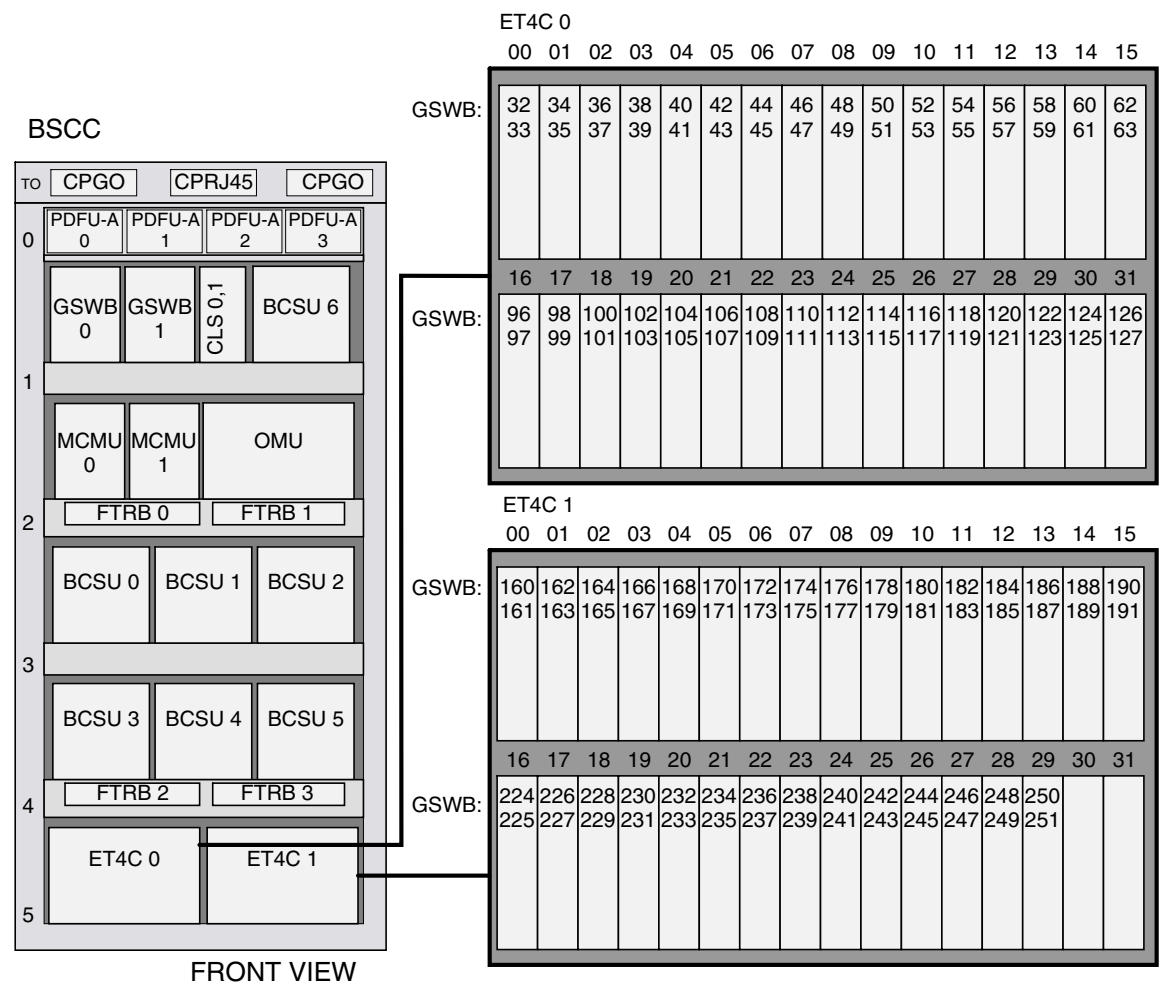


Figure 2. Functional Unit and cartridge positions in the BSCC.

3.1 Equipment lists

Equipment list for cabinet mechanics

Position	ID	Name	Use	Note
	C100432	IC209-A	Cabinet	
T0.0	C103140	PSCG3-B	Connector group	
0.0	C100606	PDFU-A	Power distribution and fuse unit	
0.3	C100606	PDFU-A	Power distribution and fuse unit	
0.6	C100606	PDFU-A	Power distribution and fuse unit	
0.9	C100606	PDFU-A	Power distribution and fuse unit	
2.0	C100600	FTRB	Fan tray	Shelf position 2.0 appears as logical position 21.0 in software
2.6	C100600	FTRB	Fan tray	Shelf position 2.6 appears as logical position 21.6 in software
4.0	C100600	FTRB	Fan tray	Shelf position 4.0 appears as logical position 41.0 in software
4.6	C100600	FTRB	Fan tray	Shelf position 4.6 appears as logical position 41.6 in software
F	C70909	DRH209	Door right	
B	C70909	DRH209	Door right	.
F	C70924	DLH209	Door left	.
B	C70924	DLH209	Door left	.
	C70358	SCP	Side plate	
	C70358	SCP	Side plate	
T	C104592	COCC	Cover for cable conduit	

Cabinet panels

Position	ID	Name	Use	Note
T0.4	C104447	CPRJ45	LAN and V.24 & V.11, LC-LC adapter panel	Install the panel sticker before installing the panel.
T0.0	C104594	CPGO	Earth comb panel	This is installed at the site
T0.8	C104594	CPGO	Earth comb panel	This is installed at the site

3.2 Functional units, cartridges and shelves in BSCC

Position	ID	Name	FU	Use	Note
1.0	C104596	SW1C-C	GSWB 0		
1.3	C104595	SW1C-C	GSWB 1		
1.6	C104222	CLOC-B	CLS 0, 1		
1.8	C08938	CC3C-A	BCSU 6		
2.0	C08939	CC4C-A	MCMU 0		
2.3	C08939	CC4C-A	MCMU 1		
2.6	C103260	CM2C-A	OMU		
3.0	C08938	CC3C-A	BCSU 0		
3.4	C08938	CC3C-A	BCSU 1		
3.8	C08938	CC3C-A	BCSU 2		
4.0	C08938	CC3C-A	BCSU 3		
4.4	C08938	CC3C-A	BCSU 4		
4.8	C08938	CC3C-A	BCSU 5		
5.0	C104300	ET4C-B	ET4C 0		
5.7	C104300	ET4C-B	ET4C 1		
1.0	C70919	CSS9		Cable support shelf	
2.0	C70919	CSS9		Cable support shelf	

Position	ID	Name	FU	Use	Note
3.0	C70919	CSS9		Cable support shelf	
4.0	C70919	CSS9		Cable support shelf	
5.5	C72100	CSS1		Cable support shelf	

3.3 Plug-in units in BSCC

Position	ID	Name	FU	Use	Notes
			<i>GSWB</i>		
F0					
F1					
F2	C08790	SW64B		Switching Network (8 kbit/s channels)	
F3	C08790	SW64B		Switching Network (8 kbit/s channels)	
F4	C08790	SW64B		Switching Network (8 kbit/s channels)	
F5	C08790	SW64B		Switching Network (8 kbit/s channels)	
F2–F5	C28854	SWBUS4		Bus Extender	
F6	C08860	PSC1-S		Power Supply	
			<i>CLS</i>		
F0	C08826	CL3TG		CLS	
F3	C08826	CL3TG		CLS	
			<i>MCMU</i>		
F1	C08953	PSC6-A		Power supply	
F2	C100400	ESB20		Ethernet Switch for B-series with 20 ports	
F3	C100400	ESB20		Ethernet Switch for B-series with 20 ports	
F4	C08947	SWCOP-A		Switch Control Processor	

Position	ID	Name	FU	Use	Notes
F5	C74920	MBIF-B		Message Bus Interface	
F6	C74920	MBIF-B		Message Bus Interface	
F7	C101180	CP710-A		Central Processor	
F7	C103756	MR256M		Memory for Central Processor	
			<i>OMU</i>		
F1	C08953	PSC6-A		Power Supply	
F2	C104095	SHIM4T		Front panel with shim plate	
F3	C81550	AS7-B		Q1 / LAPD	
F4	C104095/ C81550/ C08944	SHIM4T/ AS7-B/ AC25-A		Front panel with shim plate/ NMS; Dig. X.25/ NMS; Analog. X.25	
F5	C104095/ C81550/ C08944	SHIM4T/ AS7-B/ AC25-A		Front panel with shim plate/ NMS; Dig. X.25/ NMS; Analog. X.25	
F6	C08949	SERO-A		V.11 & V.24 interface	
F7	C08950	HWAT-A		Hardware Alarm Terminal	
F8	C74920	MBIF-B		Message Bus Interface	
F9	C74920	MBIF-B		Message Bus Interface	
F10	C101180	CP710-A		Central Processor	
F10	C103756	MR256M		Memory for Central Processor	
F12	C101810	ODPU-A		Optical Device Plug-in Unit	
F12	P1090	MO91		Magneto Optical Disk Drive	
F13	C100720	HDPU-A		Hard Disk Plug-in Unit	
F13	P01091 P01096	WDW18-S/ WDW36		Hard Disk Drive	
F14	C100720	HDPU-A		Hard Disk Plug-in Unit	
F14	P01091 P01096	WDW18-S/ WDW36		Hard Disk Drive	
			<i>BCSU</i>		

Position	ID	Name	FU	Use	Notes
F1	C08953	PSC6-A		Power Supply	
F2	C104095	SHIM4T		Front panel with shim plate	
F3	C81550	AS7-B		CCS7 & LAPD	
F4	C81550	AS7-B		LAPD	
F5	C81550	AS7-B		LAPD	
F6	C104095/ C104512	SHIM4T/ PCU-B		Front panel with shim plate/ Packet Control Unit	
F7	C104095/ C104512	SHIM4T/ PCU-B		Front panel with shim plate/ Packet Control Unit	
F8	C74920	MBIF-B		Message Bus Interface	
F9	C74920	MBIF-B		Message Bus Interface	
F10	C101180	CP710-A		Central Processor	
F10	C103756	MR256M		Memory for Central Processor	
			<i>ET4C 0</i>		Installation order
F0	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 32, ET 33	Exchange terminal	A if. 1st Note 1
F1	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 34, ET 35	Exchange terminal	Abis if. 1st
F2	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 36, ET 37	Exchange terminal	Abis if. 5th
F3	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 38, ET 39	Exchange terminal	Abis if. 9th
F4	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 40, ET 41	Exchange terminal	Abis if. 13th
F5	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 42, ET 43	Exchange terminal	Abis if. 17th

Position	ID	Name	FU	Use	Notes
F6	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 44, ET 45	Exchange terminal	Abis if. 21st
F7	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 46, ET 47	Exchange terminal	Abis if. 25th
F8	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 48, ET 49	Exchange terminal	Abis if. 29th
F9	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 50, ET 51	Exchange terminal	Abis if. 33rd
F10	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 52, ET 53	Exchange terminal	Abis if. 37th
F11	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 54, ET 55	Exchange terminal	Abis if. 41st
F12	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 56, ET 57	Exchange terminal	Abis if. 45th
F13	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 58, ET 59	Exchange terminal	Abis if. 49th
F14	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 60, ET 61	Exchange terminal	Abis if. 53rd
F15	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 62, ET 63	Exchange terminal	Abis if. 57th
F16	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 96, ET 97	Exchange terminal	A if. 2nd Note 2
F17	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 98, ET 99	Exchange terminal	Abis if. 2nd

Position	ID	Name	FU	Use	Notes
F18	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 100, ET 101	Exchange terminal	Abis if. 6th
F19	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 102, ET 103	Exchange terminal	Abis if. 10th
F20	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 104, ET 105	Exchange terminal	Abis if. 14th
F21	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 106, ET 107	Exchange terminal	Abis if. 18th
F22	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 108, ET 109	Exchange terminal	Abis if. 22nd
F23	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 110, ET 111	Exchange terminal	Abis if. 26th
F24	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 112, ET 113	Exchange terminal	Abis if. 30th
F25	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 114, ET 115	Exchange terminal	Abis if. 34th
F26	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 116, ET 117	Exchange terminal	Abis if. 38th
F27	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 118, ET 119	Exchange terminal	Abis if. 42nd
F28	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 120, ET 121	Exchange terminal	Abis if. 46th
F29	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 122, ET 123	Exchange terminal	Abis if. 50th

Position	ID	Name	FU	Use	Notes
F30	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 124, ET 125	Exchange terminal	Abis if. 54th
F31	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 126, ET 127	Exchange terminal	Abis if. 58th
			<i>ET4C 1</i>		Installation order
F0	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 160, ET 161	Exchange terminal	A if. 3rd Note 3
F1	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 162, ET 163	Exchange terminal	Abis if. 3rd
F2	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 164, ET 165	Exchange terminal	Abis if. 7th
F3	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 166, ET 167	Exchange terminal	Abis if. 11th
F4	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 168, ET 169	Exchange terminal	Abis if. 15th
F5	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 170, ET 171	Exchange terminal	Abis if. 19th
F6	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 172, ET 173	Exchange terminal	Abis if. 23rd
F7	C08901 / C08902 / C08781	ET2E-S / ET2E-SC / ET2A	ET 174, ET 175	Exchange terminal	Abis if. 27th
F8	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 176, ET 177	Exchange terminal	Abis if. 31st

Position	ID	Name	FU	Use	Notes
F9	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 178, ET 179	Exchange terminal	Abis if. 35th
F10	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 180, ET 181	Exchange terminal	Abis if. 39th
F11	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 182, ET 183	Exchange terminal	Abis if. 43rd
F12	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 184, ET 185	Exchange terminal	Abis if. 47th
F13	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 186, ET 187	Exchange terminal	Abis if. 51st
F14	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 188, ET 189	Exchange terminal	Abis if. 55th
F15	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 190, ET 191	Exchange terminal	Abis if. 59th
F16	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 224, ET 225	Exchange terminal	A if. 4th Note 4
F17	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 226, ET 227	Exchange terminal	Abis if. 4th
F18	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 228, ET 229	Exchange terminal	Abis if. 8th
F19	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 230, ET 231	Exchange terminal	Abis if. 12th
F20	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 232, ET 233	Exchange terminal	Abis if. 16th

Position	ID	Name	FU	Use	Notes
F21	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 234, ET 235	Exchange terminal	Abis if. 20th
F22	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 236, ET 237	Exchange terminal	Abis if. 24th
F23	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 238, ET 239	Exchange terminal	Abis if. 28th
F24	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 240, ET 241	Exchange terminal	Abis if. 32nd
F25	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 242, ET 243	Exchange terminal	Abis if. 36th
F26	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 244, ET 245	Exchange terminal	Abis if. 40th
F27	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 246, ET 247	Exchange terminal	Abis if. 44th
F28	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 248, ET 249	Exchange terminal	Abis if. 48th
F29	C08901/ C08902/ C08781	ET2E-S/ ET2E-SC/ ET2A	ET 250, ET 251	Exchange terminal	Abis if. 52nd
F30					Not equipped
F31					Not equipped
Note: Installation order gives the recommended installation order for ET plug-in units in A interface (MSC) and Abis interface (BTS). The users can use these interfaces as they want, depending on their needs. Note 1: ET 32 is the default interface for A interface, ET 33 is reserved for Abis interface. Note 2: ET 96 is the default interface for A interface, ET 97 is reserved for Abis interface. Note 3: ET 160 is the default interface for A interface, ET 161 is reserved for Abis interface. Note 4: ET 224 is the default interface for A interface, ET 225 is reserved for Abis interface.					

3.4 Equipment kit

Position	Code	Name	Note
	724330701	EQKM98C	

3.5 Cabinet stickers and marking strips

Network Element stickers

Position	Name	Use	Notes
	BSC3i		Two pieces.

Location part stickers

Position	Name	Use	Notes
	BSCC 1A		Two pieces.

Marking strips

Position	Cartridge	Name	Note
1.0	SW1C-C	GSWB 0	
1.3	SW1C-C	GSWB 1	
1.6	CLOC-B	CLOC	
1.8	CC3C-A	BCSU 6	
2.0	CC4C-A	MCMU 0	
2.3	CC4C-A	MCMU 1	
2.6	CM2C-A	OMU	
3.0	CC3C-A	BCSU 0	
3.4	CC3C-A	BCSU 1	
3.8	CC3C-A	BCSU 2	
4.0	CC3C-A	BCSU 3	

Position	Cartridge	Name	Note
4.4	CC3C-A	BCSU4	
4.8	CC3C-A	BCSU 5	
5.0	ET4C-B	ET	Two pieces.
5.7	ET4C-B	ET	Two pieces.

LAN interface indexing sticker

For CPRJ45 panel.

Position	Name	Use	Note
T 0.4	CPRJ45		

Power distribution sticker

Position	Name	Use	Note
F 0.0	PDFU 0	PD-sticker	
F 0.3	PDFU 1	PD-sticker	
F 0.6	PDFU 2	PD-sticker	
F 0.9	PDFU 3	PD-sticker	

