

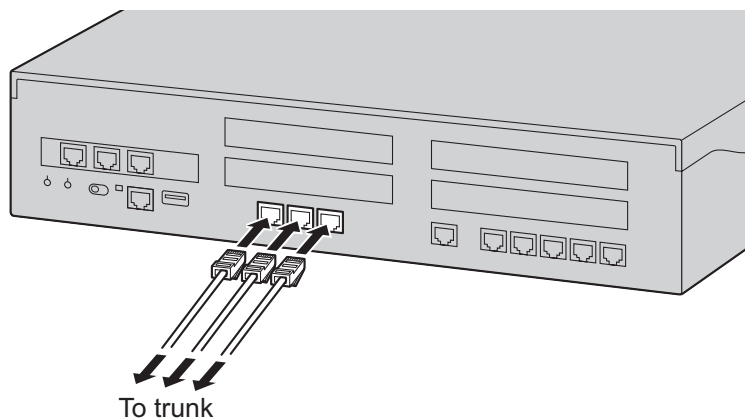
4.3.4 LCOT6 in KX-NS300 (installed by default)

Function

- 6 analogue trunk ports with Caller ID (FSK/FSK with Call Waiting Caller ID [Visual Caller ID]/DTMF).
- 6 MOH/External Pager port.
- 2 ports are power failure transfer (PFT) ports. (Port 1 and Port 2)

Note

- CO ports number, MOH ports number and External Pager ports number are as table below.
- You can select port Type "CO use (default)", "MOH or External Pager use" for each port by using WEB Maintenance Console.
- Pair of an ODD port number and an EVEN port should be CO use or MOH/Pager use.
Example. If you select Port 5 as MOH (BGM 7), Port 6 should be MOH (Port 8) or Pager 6 as below.



Port Type and Port Number

Port Type	Port Number
CO (Default)	Port 1 = CO 1
	Port 2 = CO 2
	Port 3 = CO 3
	Port 4 = CO 4
	Port 5 = CO 5
	Port 6 = CO 6
MOH	Port 1 = BGM 3
	Port 2 = BGM 4
	Port 3 = BGM 5
	Port 4 = BGM 6
	Port 5 = BGM 7
	Port 6 = BGM 8

4.3.4 LCOT6 in KX-NS300 (installed by default)

External Pager	Port 1 = Pager 1
	Port 2 = Pager 2
	Port 3 = Pager 3
	Port 4 = Pager 4
	Port 5 = Pager 5
	Port 6 = Pager 6

Port Type Setting by Web Maintenance Console

No.	Shelf	Slot	Port	Port Type
	ALL			ALL
1	2	1	1	CO
2	2	1	2	CO
3	2	1	3	CO
4	2	1	4	CO
5	2	1	5	MOH(BGM7)
6	2	1	6	Pager6

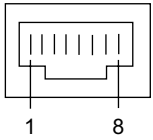
CO Use (rows 1-4)
CO Use (row 3)
MOH or External Pager Use (row 5)

Note

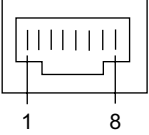
- For details about power failure transfer, refer to "4.12 Power Failure Connections".
- To confirm the trunk connection, refer to "Confirming the Trunk Connection" in "4.13 Starting the KX-NS300".

Pin Assignment

RJ45 Connector for Trunk Use

	No.	Signal Name	Function
	1	TA	Tip port 1
	2	RA	Ring port 1
	3	Reserved	–
	4	Reserved	–
	5	Reserved	–
	6	Reserved	–
	7	TB	Tip port 2
	8	RB	Ring port 2

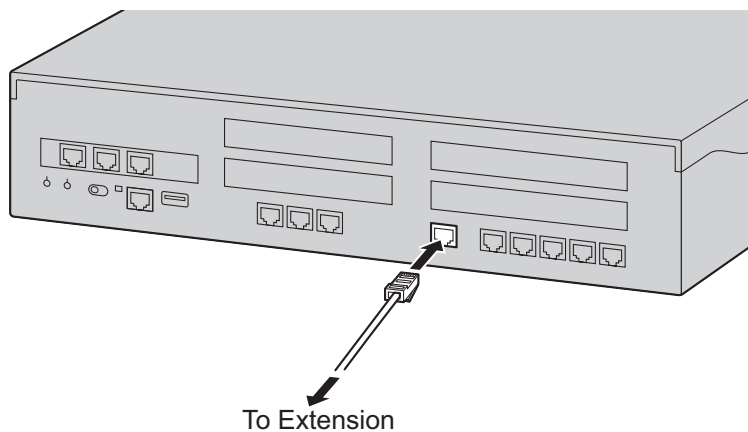
RJ45 Connector for MOH/Pager Use

	No.	Signal Name	Function
	1	M/P1 A	Music/Pager port 1
	2	M/P2 A	Music/Pager port 1
	3	Reserved	–
	4	Reserved	–
	5	Reserved	–
	6	Reserved	–
	7	M/P1 B	Music/Pager port 2
	8	M/P2 B	Music/Pager port 2

4.3.5 DLC2 in KX-NS300 (installed by default)

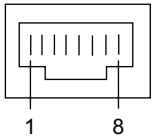
Function

- 2 digital extension port for DPT and PT-interface CSs.



Pin Assignments

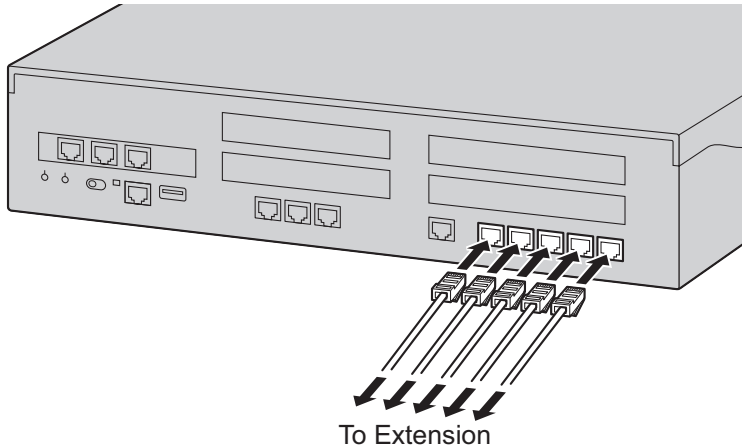
RJ45 Connector for DLC port

	No.	Signal Name	Function
	1	D1 A	Data port 1 (Low)
	2	D2 A	Data port 1 (High)
	3	Reserved	–
	4	Reserved	–
	5	Reserved	–
	6	Reserved	–
	7	D1 B	Data port 2 (Low)
	8	D2 B	Data port 2 (High)

4.3.6 MCSLC16 in KX-NS300 (installed by default)

Function

- 16 extension ports for SLT with Caller ID (FSK), Message Waiting Lamp control, and 2 power failure transfer (PFT) ports. Maximum power output of 90 V for Message Waiting Lamp control.



Note

- For details about power failure transfer, refer to "4.12 Power Failure Connections".

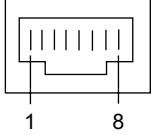
Pin Assignments

RJ45 Connector for MCSLC16 port 1-2 and port 3-4

	No.	Signal Name	Function
	1	TA	Tip port 1
	2	RA	Ring port 1
	3	Reserved	–
	4	Reserved	–
	5	Reserved	–
	6	Reserved	–
	7	TB	Tip port 2
	8	RB	Ring port 2

4.3.6 MCSLC16 in KX-NS300 (installed by default)

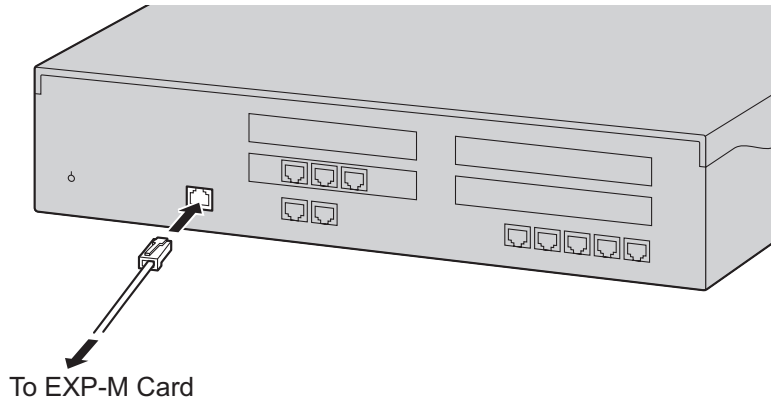
RJ45 Connector for MCSLC16 port 5-8, port 9-12 and port 13-16

	No.	Signal Name	Function
	1	TA	Tip port 1
	2	RA	Ring port 1
	3	TB	Tip port 2
	4	RC	Ring port 3
	5	TC	Tip port 3
	6	RB	Ring port 2
	7	TD	Tip port 4
	8	RD	Ring port 4

4.3.7 EXP-S in KX-NS320 (installed by default)

Function

- EXP-S is pre-installed in the SPR card (KX-NS320) to be used as Expansion Unit.
- By using this card, you can expand the Usage of Legacy Trunks and extensions.



Pin Assignments

RJ45 Connector for EXP-S port

	No.	Signal Name	Function
	1	UHW+	Receive data+
	2	UHW-	Receive data-
	3	REFCLK+	Reference CLK+
	4	FHCLK+	Frame and System CLK+
	5	FHCLK-	Frame and System CLK-
	6	REFCLK-	Reference CLK-
	7	DHW+	Transmit data+
	8	DHW-	Transmit data-