

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT TECHNOLOGIES PRACTICES - NONE.
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
53. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
54. THIS CABINET TO BE INTEGRATED AND SUPPLIED BY:
 - * CARLO GAVAZZI, INC.
MUPAC BUSINESS UNIT
10 MUPAC DRIVE
BROCKTON, MA 02401
 - * TEL. (508) 588-6110, FAX. (508) 588-0498
55. GROUPS 402 AND 407 ARE MUTUALLY EXCLUSIVE.
 - * GROUP 402 PROVIDES FOR TWO 32MB DRAM SIMM MODULES. (MIN 64MB/ MAX 128MB)
 - * GROUP 407 PROVIDES FOR TWO 64MB DRAM SIMM MODULES. (MIN 128MB/ MAX 256MB)
56. ENGINEERING GUIDELINES & INFORMATION.
 - * AN ATSC CABINET IS PART OF AN ANS(ADVANCED NETWORK SERVICES) LINE UP.
THIS LINE UP MUST CONTAIN AN ACSC CABINET, WHICH IS ORDERABLE FROM - ED1S015-60
THE FOLLOWING CABINETS ARE OPTIONAL AND ORDERABLE FROM :
AMC(ADVANCED MISCELLANEOUS CABINET) - ED1S019-10
ANTC(ADVANCED NETWORK TERMINATION CABINET - ED1S020-60
 - * AN ATSC REQUIRES EIGHT -48V POWER & RETURN FEEDS.
SEE ED1S017-10 FOR ORDERING THESE COMPONENTS.
 - * A MAXIMUM OF TWO ATSCS (0 & 1) CAN BE FURNISHED.
 - * ATSC 0 IS ALWAYS FURNISHED FIRST AND IS TO BE LOCATED ADJACENT TO AND TO THE LEFT OF THE ACSC WHEN VIEWED FROM THE FRONT OF THE CABINET LINE-UP.
 - * ATSC 1, WHEN FURNISHED, IS TO BE LOCATED ADJACENT TO AND TO THE RIGHT OF THE ACSC WHEN VIEWED FROM THE FRONT OF THE CABINET LINE-UP.
 - * ATSC 0 IS ARRANGED FOR ONE -48V MFFU, TWO 100MB ETHERNET HUBS 0 & 1 AND A MAXIMUM OF FIVE TS UNITS 0 THROUGH 4. THE ACSC SOFTWARE RELEASE 7 SUPPORTS ONLY TS UNITS 0 THROUGH 3. THE MFFU, ETHERNET HUB 0 & 1 AND TS UNIT 0 ARE ALWAYS TO BE EQUIPPED. (SEE TABLE BA & BB).
 - * ATSC 1 IS ARRANGED FOR ONE -48V MFFU AND A MAXIMUM OF FIVE TS UNITS 5 THROUGH 9. THE ACSC SOFTWARE RELEASE 7 SUPPORTS ONLY TS UNITS 5 THROUGH 8. THE MFFU AND TS UNIT 5 ARE ALWAYS TO BE EQUIPPED. (SEE TABLE BA & BB).
 - * WHEN EQUIPPING TS UNITS (REGARDLESS OF SERVICE CIRCUIT CONFIGURATION) IN AN ATSC, IT IS RECOMMENDED THAT THEY BE EQUIPPED IN PAIRS FOR RELIABILITY PURPOSES, I.E.,
ATSC 0 - TS 0 & 1
ATSC 0 - TS 0 & 1, 2 & 3
----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

H8193:ALL LISTS D.A.'D AND EN 76 ADDED. SHEET B11 MODIFIED.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-7 CHANGE CLASS: B

DRAFT: HRM ENGR: HRM SUPV: WK CERTIFIED: 07/10/97 ISSUE: 8

ISSUE NOTES

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-1 CHANGE CLASS: NEW

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 08/01/96 ISSUE: 1

H7926: RELEASE R7 FEATURES ADDED.
TA LIST 406, 531, 620, 630, 640, CA THRU CH ADDED. LISTS 200, 500, 520 & 530 REF TO NOTE 67 REMOVED.
REF TO NEW NOTE 67 ADDED TO LISTS 3,4 & 404.
TA LIST 402 DESCRIPTION CHANGED.
"NRTO" REMOVED FROM TA LISTS 405,540,580,590,600 & 610.
MN NOTES 24 THRU 31 ADDED, MN NOTE 11 MODIFIED.
SL ITEM 2030 WAS 407606904. SL ITEM 2040 WAS 407606912. SL ITEM 2320 WAS 407463751 QTY WAS 1.
SL ITEMS 2350, 2360, 3310, 4000, 4020, 4040 THRU 4070, 8000 THRU 8070 ADDED. SL ITEMS 2310 THRU 2330 REF TO NOTE 29 ADDED. SL ITEM 2800 REF TO NOTE 28 ADDED. SL ITEMS 3000 THRU 3310 REF TO NOTE 31 ADDED. SL ITEMS 2030 & 2040 QTY WAS 1.
TABLES BB, BC, BD & RS MODIFIED.
EN NOTES 55, 56, 67 & 68 MODIFIED.
B-SHEETS 1 THRU 10 MODIFIED & 11 THRU 13 ADDED.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-2 CHANGE CLASS: B

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 11/08/96 ISSUE: 2

EN NOTE 56 MODIFIED, AND TABLE 'BB' CLARIFIED.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-2 CHANGE CLASS: B

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 11/11/96 ISSUE: 3

(H8036):TA LIST 400A ADDED. EN NOTE 71 REVISED. TA LIST 400 RATED DA. MN 11 UPDATED FOR LIST 400A. TABLE 'BB' UPDATED FOR LIST 400A
SL ITEM 2030 QTY WAS 2, CC WAS 407667666. SL ITEM 2040 QTY WAS 2, CC WAS 407667666. SL ITEMS 2033, 2043 & 2302 ADDED.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-3 CHANGE CLASS: MF

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 12/23/96 ISSUE: 4

H8050: TA GROUP 10 ADDED. SH B3 & B6 REVISED FOR NEW ROUTING AND CABLE SUPPORT REQUIREMENTS. MN NOTE 11 REVISED. SL ITEM 1350 WAS PART OF GROUP 6, QTY WAS 3. SL ITEM 1360 WAS PART OF GROUP 6, QTY WAS 6. TABLE BA MODIFIED. IMR505033 WAS RESOLVED BY MODIFYING TABLE "RS".
IMR505302 WAS RESOLVED BY MODIFYING THE CLRI CODE OF SL ITEMS 3000, 3310, 8020, 8030, 8040, 8050, 8060 & 8070.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-4 CHANGE CLASS: MF

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 01/24/97 ISSUE: 5

C74404NW - LIST 531 RATED DA, LIST 532 & SL ITEM 3320 ADDED. TABLE 'RS' & 'BD' UPDATED.

ORIG ISS: 08/01/96 CHANGE CLASS: AU

DRAFT: HRM ENGR: HRM SUPV: TM CERTIFIED: 01/30/97 ISSUE: 6

H8167:EN55 & 56 MODIFIED, EN75 ADDED. TAL, 400, 402, 404, 500 & 531 MODIFIED, 407, 408 & 501 ADDED. SL ITEMS 2320, 2340, 2350, 2360, 2640, 2650, 2660, 2670 & 2680 MODIFIED, 2370, 2380 & 3010 ADDED. MN 11 MODIFIED. TABLES 'BC', 'BD' & 'RS' MODIFIED.

ORIG ISS: 08/01/96 NDD NBR: NDD1S018NW-6 CHANGE CLASS: B

DRAFT: HRM ENGR: HRM SUPV: WK CERTIFIED: 06/05/97 ISSUE: 7

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REPLACED BY ED1S018-61

BT13

ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60 SHEET A1 OF 23

TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
FRAME ASSEMBLY, PHASE II TO PROVIDE ONE ADVANTAGE TELECOM SERVER CABINET (ATSC0 OR ATSC1) DA EFF:07/10/97 FE:ED1S018-61,G1	54 56 66 76	DA	1	1	ED5D785-70	1A					
MATERIAL, SAFETY. DA EFF:07/10/97 FE:NONE	56 76	DA	2								
MATERIAL, NON-UNITIZED JUNCTION FOR EMC APPLICATIONS. DA EFF:07/10/97 FE:ED1S018-61,G90	56 67 76	DA	3								
MATERIAL, UNITIZED JUNCTION FOR EMC APPLICATIONS. DA EFF:07/10/97 FE:NONE	67 76	DA	4								
LABEL, ADDRESS DA EFF:07/10/97 FE:NONE	56 76	DA	5								
MATERIAL, EMC DA EFF:07/10/97 FE:NONE	56 76	DA	6								
INDICATOR STRIP, FUSE/FAN ALARM, EMC TREATMENT APPLICATION. DA EFF:07/10/97 FE:ED1S018-61,G90	56 76	DA	7								
INDICATOR STRIP, BLANK, EMC TREATMENT APPLICATION. DA EFF:07/10/97 FE:NONE	56 76	DA	8								
KIT, CABINET DOOR ASSEMBLY FOR EMC APPLICATIONS. DA EFF:07/10/97 FE:NONE	56 76	DA	9								
CABLE SUPPORTS FOR ATSC0. DA EFF:07/10/97 FE:NONE	56 76	DA	10								
EQUIPMENT, ASSEMBLY, WIRING AND COMMON APPARATUS FOR ONE MODULAR FUSE FILTER UNIT. (MFFU) DA EFF:07/10/97 FE:NONE	56 76	DA	100	1	J5D003FJ-1	157, CH, CK, CR, F3					
LABELS, FUSE FOR ATSC0 CABINET. DA EFF:07/10/97 FE:NONE	56 76	DA	101								
LABELS, FUSE FOR ATSC1 CABINET. DA EFF:07/10/97 FE:NONE	56 76	DA	102								
CABLE, MFFU ALARM FOR ATSC0. DA EFF:07/10/97 FE:NONE	56 76	DA	103								
CABLE, MFFU ALARM FOR ATSC1. DA EFF:07/10/97 FE:NONE	56 76	DA	104								
UNIT, ETHERNET HUB. DA EFF:07/10/97 FE:NONE	56 70 74 76	DA	200								
KIT, FAS ETHERNET HUB. DA EFF:07/10/97 FE:NONE	56 76	DA	201								
KIT, CABLE CONTAINING POWER AND ETHERNET CABLE FOR ETHERNET HUB. DA EFF:07/10/97 FE:NONE	56 76	DA	202								
UNIT, TELECOM SERVER. (TS0-TS9) DA EFF:12/12/96 FE:ED1S018-60,G400A	56 71	DA	400								

TABLE-A CONTINUED

ED1S018-60

ENGINEERING NOTES

***** CONTINUED *****

2.1 GB IDE DISK. (FRONT MOUNTED)
1.44MB FLOPPY DRIVE.
725W POWER SUPPLY.
LED INDICATOR/ALARM MODULE.
UNIT-SLIDES.
CABLE SWING ARM.
MOUNTING MATERIAL.

LIST 400A CONTAINS :
20-SLOT BACKPLANE. (14 EISA/ISA + 4 PCI & 2 CPU)
2.5GB IDE DISK. (FRONT MOUNTED)
1.44MB FLOPPY DRIVE.
725W POWER SUPPLY.
LED INDICATOR/ALARM MODULE.
UNIT-SLIDES
CABLE SWING ARM.
MOUNTING MATERIAL.

72. A QTY OF 1 REQUIRED PER TELECOM SERVER.

73. FOR SC-SA-BUS AND/OR MVIP-BUS CABLING REQUIREMENTS SEE TABLE 'BC'.

74. EQUIPMENT SPARING REQUIREMENTS ARE TO BE DETERMINED FOR EACH INSTALLATION DEPENDANT ON THE LEVEL OF RELIABILITY AND REDUNDANCY DESIRED BY THE CUSTOMER. COMMON RECOMMENDED SCN SPARES FOR NORMAL SYSTEM RELIABILITY IS LISTED IN ED1S015-60 TABLE "RS". UNIQUE RECOMMENDED ATSC SPARES ARE LISTED IN ED1S018-60 TABLE "RS". ALTHOUGH ANY ITEM IN THIS DRAWING MAY BE SPARED, IN ANY QUANTITY, AT THE CUSTOMERS DISCRETION.

75. A MINIMUM OF 128MB OF DRAM, USING 64MB SIMMS, IS REQUIRED FOR TELECOM SERVER CONFIGURATION NUMBERS 2, 3 & 4. (SEE TABLE 'BC')

76. THIS DRAWING HAS BEEN D.A.'D PER ISSUE 8. USE ED1S018-61 FOR ALL NEW ORDERS STARTING 07/10/97. USE FUNCTIONAL EQUIVALENT(FE) TABLE BELOW :

- ED1S018-61,G1 IS FE TO ED1S018-60,G1,G2,G4,G5,G6,G10,G100,G101,G103,G200,G201,G202
 - ED1S018-61,G50 IS FE TO ED1S018-60,G1,G2,G4,G5,G6,G100,G102,G104
 - ED1S018-61,G90 IS FE TO ED1S018-60,G3,G7,G8,G9
- FOR ALL OTHER GROUPS SEE TABLA A.

ENGINEERING NOTES

***** CONTINUED *****

ATSC 0 - TS 0 & 1, ATSC 1 - TS 5 & 6

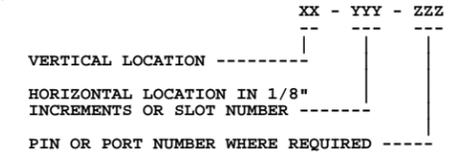
* WHEN EQUIPPING SERVICE CIRCUITS IN A TS UNIT, ONLY FOUR CONFIGURATIONS ARE ALLOWED - TABLE BC NUMBER 1 THRU 4. TABLE BD PROVIDES SERVICE CIRCUIT CODES AND DESCRIPTIONS.

* FOR RELEASE R7, TABLE BC CONFIGURATIONS 10 THRU 12, 15 THRU 17 & 20 ARE ALSO ALLOWED.

* TABLE BB PROVIDES ONE GROUP 440 (POWER DOG CIRCUIT PACK) PER TS UNIT. THIS CIRCUIT PACK WILL NOT BE EQUIPPED IN THE TS UNIT BUT INSTEAD IN THE ACSC RELIABLE CLUSTER COMPUTING (RCU) UNIT BY THE INTEGRATOR.

60. THE TELECOM SERVER CABINET DIMENSIONS ARE AS FOLLOWS:
LENGTH - 762MM (30 IN)
WIDTH - 600MM (23.6 IN)
HEIGHT - 1829MM (72 IN)
416MM (16.4 IN) IS REQUIRED FOR DOOR CLEARANCE FRONT AND REAR.
WEIGHT - 1362KG (300 LBS) MAXIMUM GROWTH - 4082KG (900 LBS).

62. EQUIPMENT LOCATIONS REFERRED TO IN THIS DRAWING INDICATE THE PHYSICAL LOCATION OF THE EQUIPMENT, IN INCHES, IN THE CABINET ASSIGNED AS FOLLOWS:



63. THIS CABLE KIT CONTAINS THE POWER & ETHERNET CABLING FOR HUB0 AND HUB1. (ONE KIT REQUIRED FOR BOTH HUBS)

64. ALL SYSTEM AIR FILTERS ARE TO BE REPLACED PRIOR TO SYSTEM TURNOVER TO THE CUSTOMER. ORDER PER LIST AA.

65. UNDER NORMAL CIRCUMSTANCES PLASTIC CABLE TIES WILL BE USED TO SECURE INTRA-CABINET CABLING TO THE FRAMEWORK. IF A CUSTOMER HAS SPECIFIC RESTRICTIONS AGAINST THEIR USE, GROUP "AB" SHOULD BE SPECIFIED TO PROVIDE FOR THE USE OF WAXED TWINE CABLE TIES. (SEE NSP 800-612-153 FOR SPECIFIC REQUIREMENTS).

66. WHEN ORDERING CABINET ADDRESS LABELS SPECIFIC STAMPING INFORMATION MUST BE SPECIFIED PER ED1S001-11 TABLE AA PER JOB SPECIFICATIONS.

67. GROUPS 3 & 4 AND 404 & 406 ARE MUTUALLY EXCLUSIVE.

68. THE CABINET INTEGRATOR IS RESPONSIBLE FOR VERIFYING APPROPRIATE PRODUCT LABELING PER REQUIREMENTS OUTLINED IN NOTES 28, 29 AND 31. CABINET INTEGRATOR IS ALSO RESPONSIBLE FOR CREATING AND MAINTAINING A DATABASE OF PRODUCT SERIALIZATION AND TRACKING INFORMATION. THIS DATABASE IS TO CONTAIN RECORDS OF ALL LUCENT TECHNOLOGIES PLUGGABLE APPARATUS SERIAL NUMBERS INSTALLED INTO A GIVEN CABINET ON A PER ORDER BASIS. IF SUBRACK LEVEL SERIALIZATION LABELS ARE ALSO UTILIZED, THE CONTENTS OF A GIVEN SUBRACK (ON A SERIAL NUMBER BASIS) ARE TO BE RECORDED AND CORRELATED WITH THE SUBRACK SERIAL NUMBER. THE DATA IS TO BE MADE AVAILABLE TO LUCENT TECHNOLOGIES ON AN AGREED-TO SCHEDULE FOR UPLOADING INTO THE WARRENTY ELIGIBILITY SYSTEM. INFORMATION ON THE REQUIRED FORMAT FOR THE DATA CAN BE OBTAINED FROM:

A.L. FITZGERALD - LUCENT TECHNOLOGIES
(708) 955-4493

69. RESERVED.

70. ORDERS FOR SPARE EQUIPMENT OR APPARATUS MAY BE PLACED ON A SEPERATE PURCHASE ORDER AND ARE NOT TO BE INCLUDED IN THE PROVISIONING ORDER.

71. TELECOM SERVER CONSISTS OUT OF A DTI COMPUTER UNIT.

LIST 400 CONTAINS :
20-SLOT BACKPLANE.(14 EISA/ISA + 4 PCI & 2 CPU)
----- CONTINUED TO THE LEFT -----

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ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60

SHEET A2 OF 23

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION					QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
UNIT, TELECOM SERVER. (TS0-TS9) DA EFF:07/10/97 FE:ED1S018-61,G100	56 71	DA	400A									
PACK, CIRCUIT 150MHZ PENTIUM CPU DA EFF:07/10/97 FE:ED1S018-61,G110	56	DA	401									
EQUIPMENT TO PROVIDE OPTIONAL ADDITIONAL 64MB OR 128MB MEMORY. DA EFF:07/10/97 FE:ED1S018-61,G120	55 56	DA	402									
PACK, CIRCUIT ETHERNET 100MB PCI DA EFF:07/10/97 FE:ED1S018-61,G380	56	DA	403									
CABLE, RIBBON SCSA-BUS NON-STDRD (PIN 1 REMOVED) DA EFF:07/10/97 FE:ED1S018-61,G131	56 67 73	DA	404									
RIBBON CABLE, MVIP-BUS. DA EFF:07/10/97 FE:NONE	73	DA	405									
CABLE, RIBBON SCSA-BUS STANDARD. DA EFF:07/10/97 FE:ED1S018-61,G130	56 67 73	DA	406									
EQUIPMENT TO PROVIDE OPTIONAL ADDITIONAL 128MB OR 256MB MEMORY DA EFF:07/10/97 FE:ED1S018-61,G121	55 56 75	DA	407									
CABLE, RIBBON SCSA-BUS NON-STDRD (SPECIAL SPACING) DA EFF:07/10/97 FE:ED1S018-61,G132	56 67 73	DA	408									
KIT, FAS FOR TELECOM SERVER. DA EFF:07/10/97 FE:NONE	56	DA	410									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS0. DA EFF:07/10/97 FE:ED1S018-61,G200	56	DA	420									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS1. DA EFF:07/10/97 FE:ED1S018-61,G210	56	DA	421									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS2. DA EFF:07/10/97 FE:ED1S018-61,G220	56	DA	422									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS3. DA EFF:07/10/97 FE:ED1S018-61,G230	56	DA	423									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS4. DA EFF:07/10/97 FE:ED1S018-61,G240	56	DA	424									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS5. DA EFF:07/10/97 FE:ED1S018-61,G250	56	DA	425									

TABLE-A CONTINUED

ED1S018-60

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION					QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS6. DA EFF:07/10/97 FE:ED1S018-61,G260	56	DA	426									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS7. DA EFF:07/10/97 FE:ED1S018-61,G270	56	DA	427									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS8. DA EFF:07/10/97 FE:ED1S018-61,G280	56	DA	428									
KIT, CABLE CONTAINING POWER, ETHERNET, RS232 INTERFACE AND RS232 HEARTBEAT MONITORING CABLES FOR TS9. DA EFF:07/10/97 FE:ED1S018-61,G290	56	DA	429									
PACK, CIRCUIT POWER DOG. DA EFF:07/10/97 FE:ED1S018-61,G140	56	DA	440									
PACK, CIRCUIT PROVIDING ASR/VOICE, CONNECTED DIGIT AND SUBWORD. BUS : SCSA DA EFF:05/01/97 FE:ED1S018-60,G501	56 70 74	DA	500									
PACK, CIRCUIT PROVIDING ASR/VOICE, CONNECTED DIGIT AND SUBWORD. BUS : SCSA DA EFF:07/10/97 FE:ED1S018-61,G300	56 70 74	DA	501									
PACK, CIRCUIT PROVIDING T1-INTERFACE, FIVE DS1 LINKS. BUS : SCSA DA EFF:07/10/97 FE:ED1S018-61,G310	56 70 74	DA	520									
PACK, CIRCUIT PROVIDING ECHO CANCELLATION. BUS : SCSA DA EFF:08/22/96 FE:ED1S018-60,G531	56 70 74	DA	530									
PACK, CIRCUIT PROVIDING ECHO CANCELLATION. BUS : SCSA DA EFF:01/28/97 FE:ED1S018-60,G532	56 70 74	DA	531									
PACK, CIRCUIT PROVIDING ECHO CANCELLATION. BUS : SCSA DA EFF:07/10/97 FE:ED1S018-61,G320	56 70 74	DA	532									

TABLE-A CONTINUED

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ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60

SHEET A3 OF 23

PRINTED IN U.S.A.

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
PACK, CIRCUIT PROVIDING VOICE AND T1 INTERFACE. BUS : SCSA DA EFF:07/10/97 FE:ED1S018-61,G330	56	DA	540									
PACK, CIRCUIT PROVIDING VOICE. BUS : SCSA DA EFF:07/10/97 FE:NONE	56	DA	550									
PACK, CIRCUIT PROVIDING PRIMARY RATE INTERFACE (UC-PRI). BUS : SCSA DA EFF:07/10/97 FE:NONE	56	DA	560									
PACK, CIRCUIT PROVIDING PRIMARY RATE INTERFACE (PRI) WITH VOICE. BUS : SCSA DA EFF:07/10/97 FE:NONE	56	DA	570									
PACK, CIRCUIT PROVIDING DIALOGIC TEXT TO SPEECH (TTS). BUS : SCSA DA EFF:07/10/97 FE:NONE	56	DA	580									
PACK, CIRCUIT PROVIDING FAX SERVICE. BUS : MVIP DA EFF:07/10/97 FE:ED1S018-61,G350	56	DA	590									
PACK, CIRCUIT PROVIDING A BRIDGE BETWEEN THE MVIP-BUS AND THE SCSA-BUS. DA EFF:07/10/97 FE:ED1S018-61,G340	56	DA	600									
PACK, CIRCUIT PROVIDING BASIC RATE INTERFACE (S-BRI). BUS : MVIP DA EFF:07/10/97 FE:ED1S018-61,G360	56	DA	610									
PACK, CIRCUIT PROVIDING SS7 ON HIGH SPEED LINK ON PCI. DA EFF:07/10/97 FE:NONE	56	DA	620									
PACK, CIRCUIT PROVIDING #7 SIGNALING SYSTEM-SS7. DA EFF:07/10/97 FE:NONE	56	DA	630									
PACK, CIRCUIT PROVIDING X.25 PROTOCOL OVER T1(EISA) DA EFF:07/10/97 FE:NONE	56	DA	640									
PACKAGE, AIR FILTER ALWAYS REQUIRED FOR NEW INSTALLATIONS. DA EFF:07/10/97 FE:ED1S018-61,GAA	64 72	DA	AA									
SERVICE CHARGE TO PROVIDE WAXED TWINE CABLE LACING IN PLACE OF PLASTIC CABLE TIES. DA EFF:07/10/97 FE:ED1S018-61,GAB	65	DA	AB									
LABEL REQUIRED IN ADDITION TO LIST 401. DA EFF:07/10/97 FE:NONE		DA	CA									
LABEL REQUIRED IN ADDITION TO LIST 403. DA EFF:07/10/97 FE:NONE		DA	CC									
LABEL REQUIRED IN ADDITION TO LIST 540. DA EFF:07/10/97 FE:NONE		DA	CD									

TABLE-A CONTINUED

ED1S018-60

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
LABEL REQUIRED IN ADDITION TO LIST 580. DA EFF:07/10/97 FE:NONE		DA	CE									
LABEL REQUIRED IN ADDITION TO LIST 590. DA EFF:07/10/97 FE:NONE		DA	CF									
LABEL REQUIRED IN ADDITION TO LIST 600. DA EFF:07/10/97 FE:NONE		DA	CG									
LABEL REQUIRED IN ADDITION TO LIST 610. DA EFF:07/10/97 FE:NONE		DA	CH									

END OF TABLE-A

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BT13

ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60

SHEET A4 OF 23

PRINTED IN U.S.A.

STAMP VERTICAL EQL
FRONT AND REAR

GROUP 1
847265733
FRAME ASSEMBLY.

901249177
LABEL DESIGNATION
(SEE NOTE 17)

GROUP 1
847265733
FRAME ASSEMBLY.

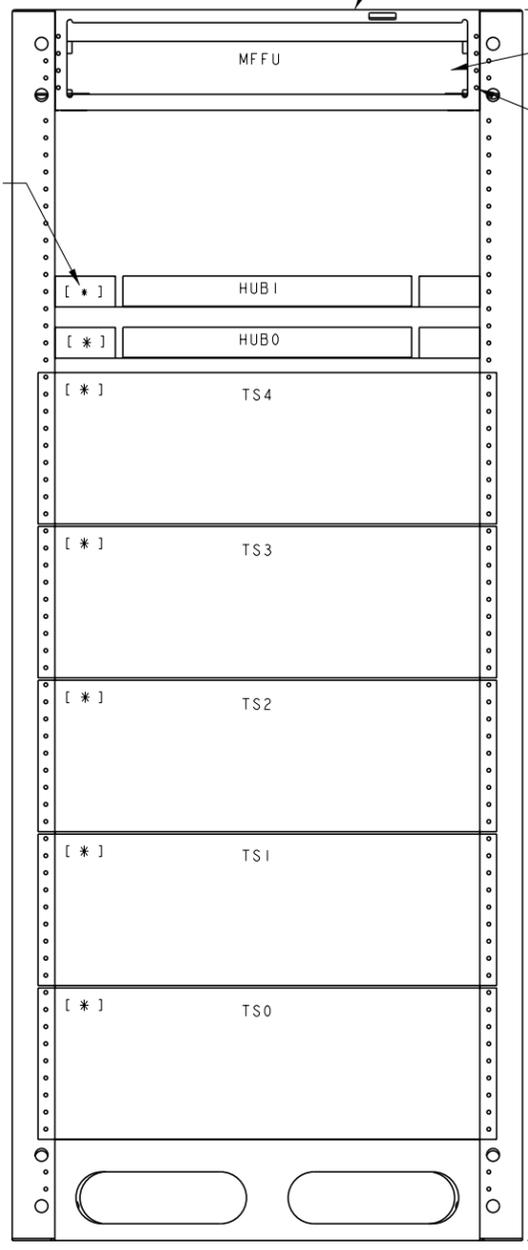
GROUP 100
J5D003F J-1
MODULAR FUSE FILTER UNIT.

901271031
SCR M6x16
8 REQUIRED
(PART OF GROUP 105)

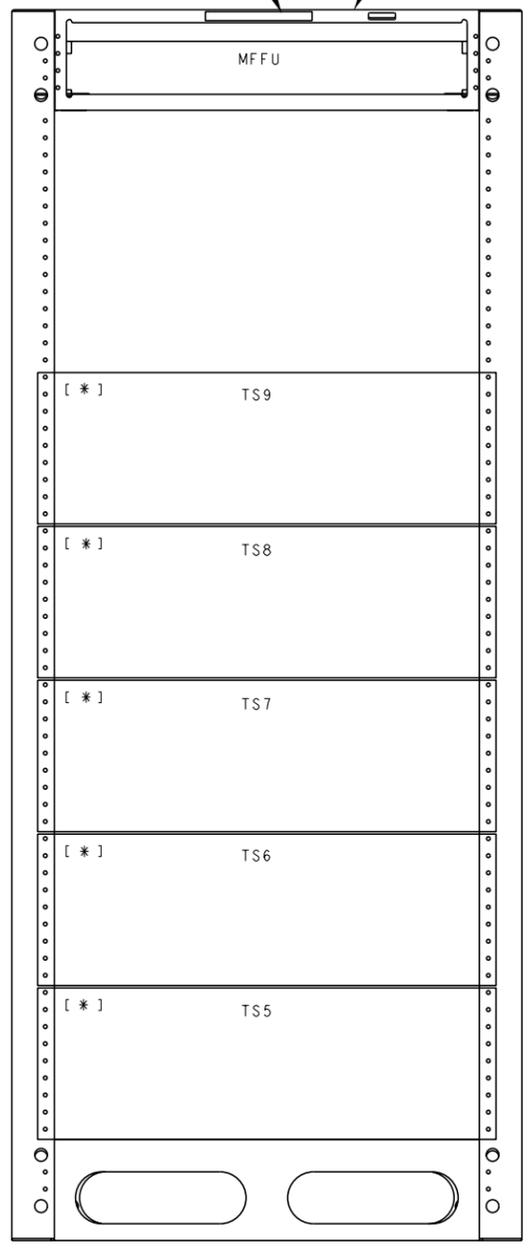
SEE NOTE 21 (TYP)

56
53
47
38
29
20
11

1829 REF
(72.008)



ATCS0 FRONT VIEW

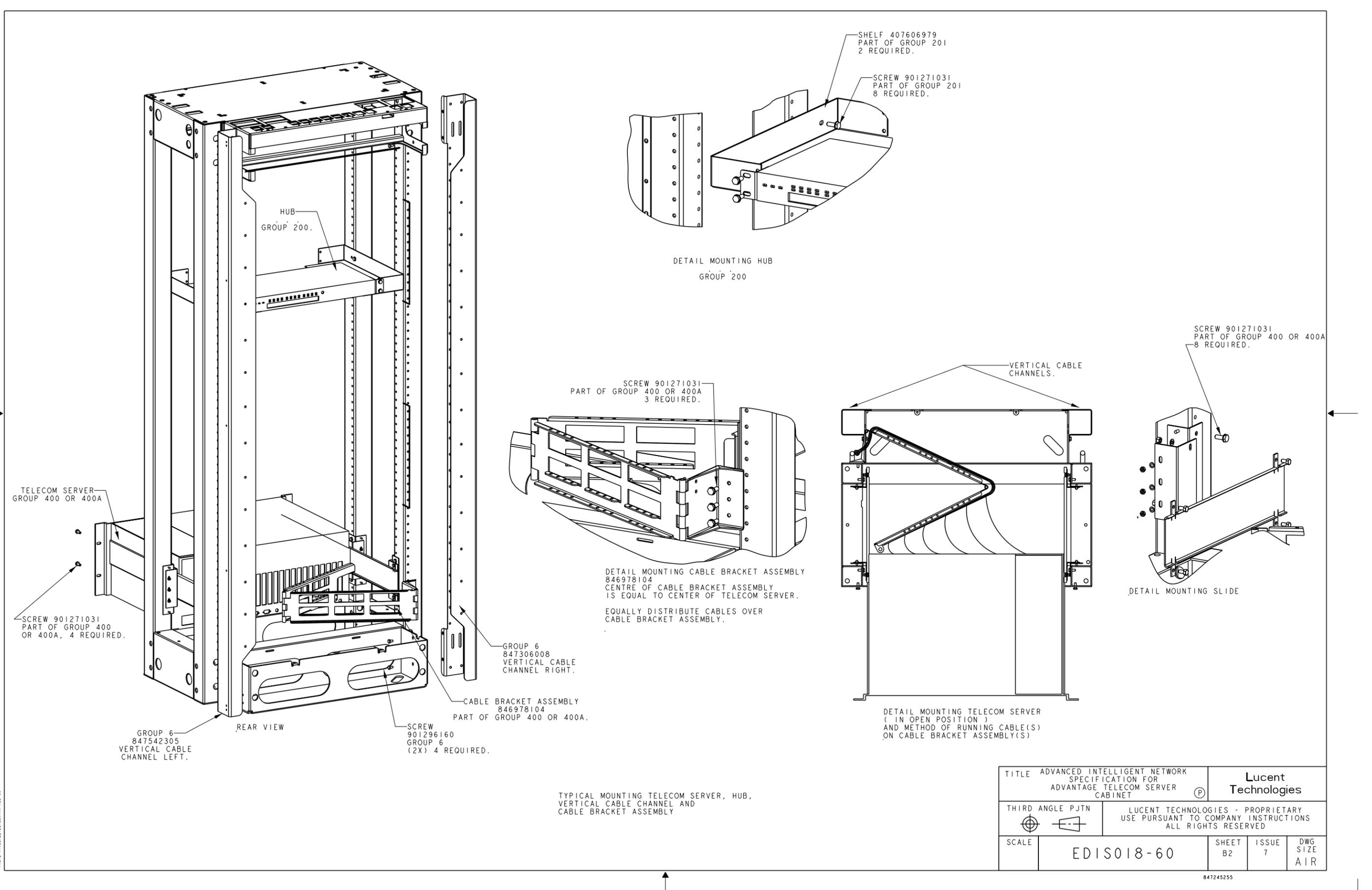


ATSCI FRONT VIEW

* TEXT READABLE WHEN
TELECOM SERVERS
ARE IN CLOSED POSITION.

ATCS0 AND ATSCI SHOWN WITHOUT
DOORS & SIDE PANELS
ED5D785-() 2000 CABINET.

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
THIRD ANGLE PJTN 		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED		
SCALE	EDIS018-60	SHEET B1	ISSUE 7	DWG SIZE AIR

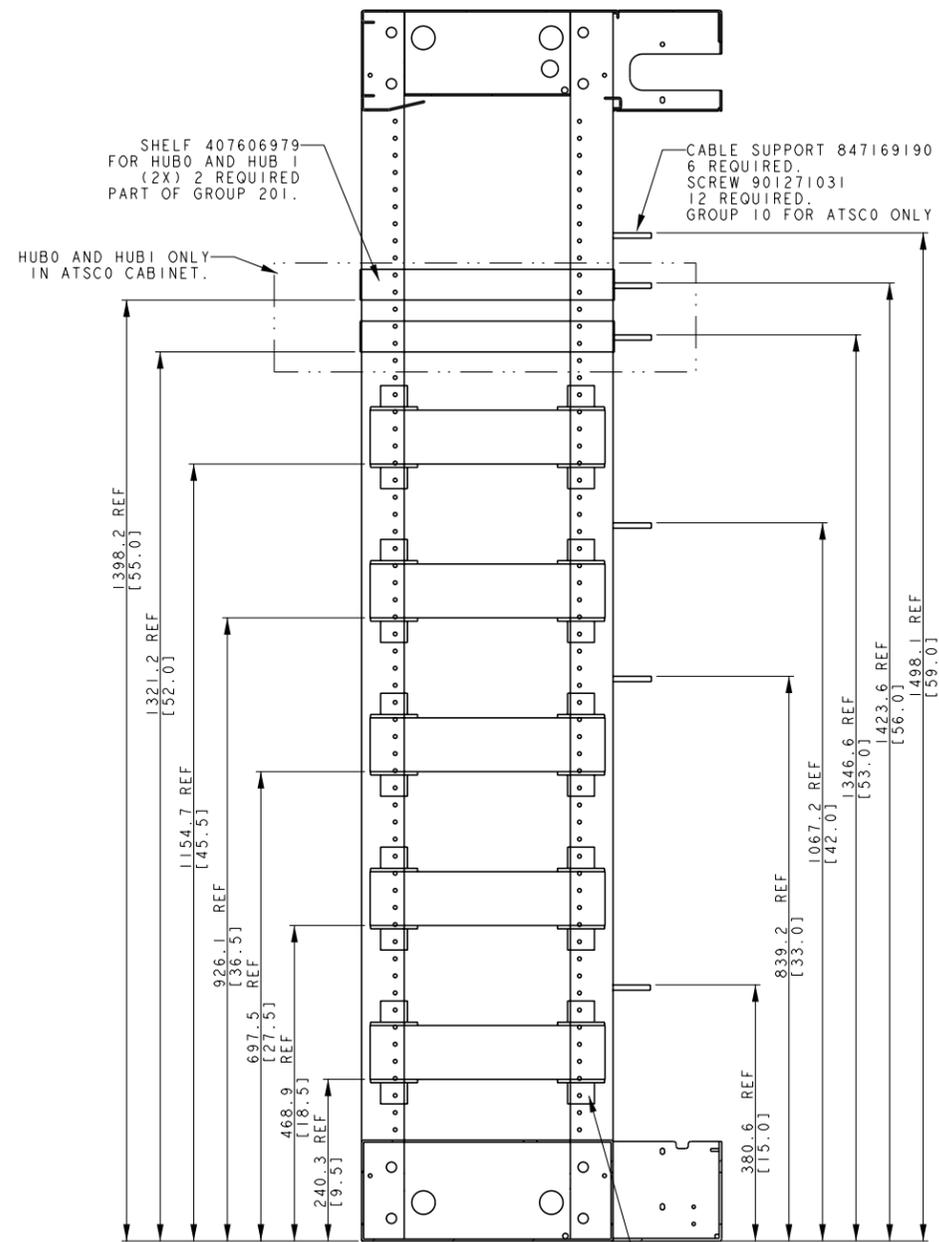


TYPICAL MOUNTING TELECOM SERVER, HUB, VERTICAL CABLE CHANNEL AND CABLE BRACKET ASSEMBLY

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies		
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SCALE	EDIS018-60	SHEET B2	ISSUE 7	DWG SIZE AIR

PROJ# AIR-SHEETS-150-FRM AUG 96

847245255



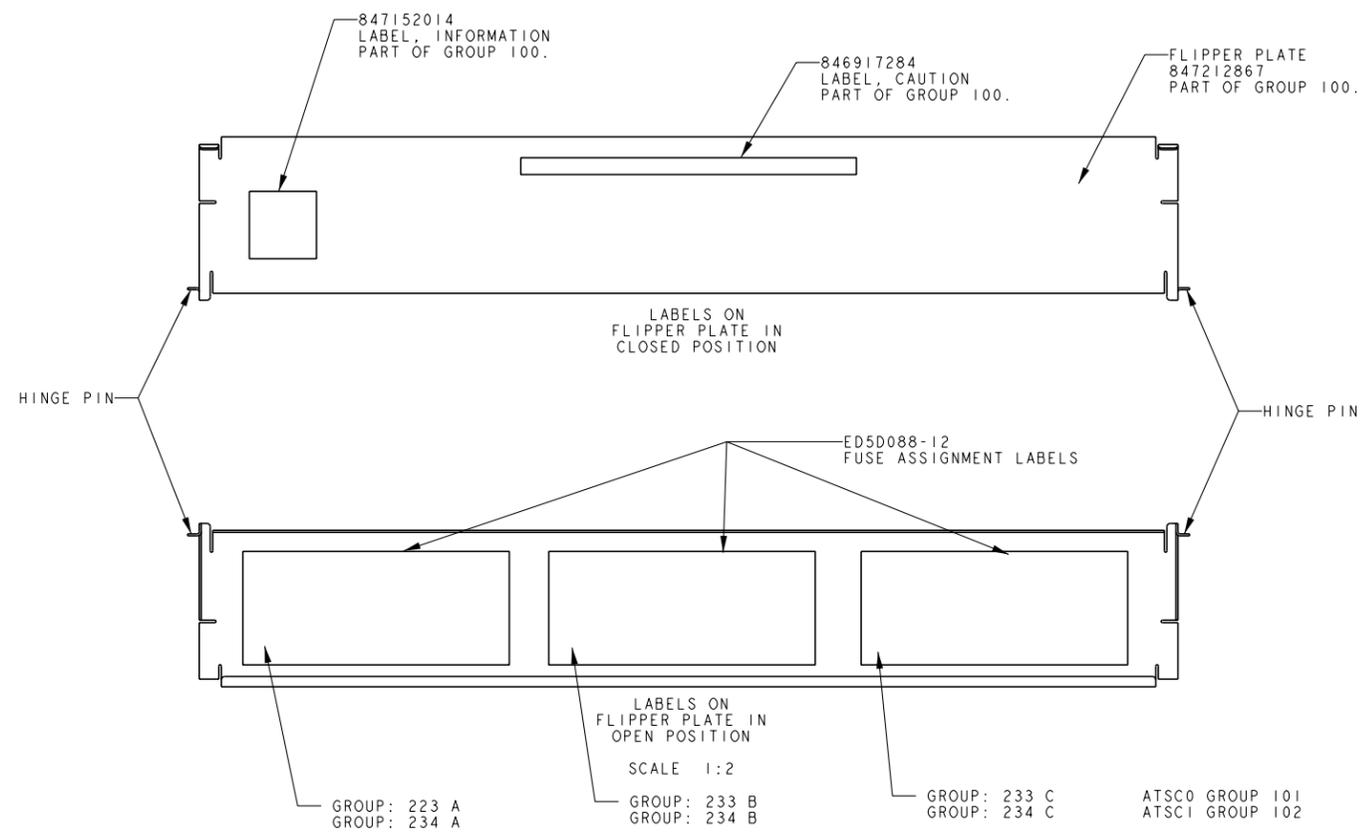
SHELF 407606979 FOR HUB0 AND HUB 1 (2X) 2 REQUIRED PART OF GROUP 201.

HUB0 AND HUB1 ONLY IN ATSCO CABINET.

CABLE SUPPORT 847169190 6 REQUIRED. SCREW 901271031 12 REQUIRED. GROUP 10 FOR ATSCO ONLY

SECTION A-A
LEFT INSIDE VIEW SHOWING LOCATION OF MOUNTING BRACKETS.

SLIDE ASSEMBLY TELECOM SERVER PART OF GROUP 400 OR 400A MAXIMUM 5 REQUIRED DEPENDING ON AMOUNT OF TELECOM SERVERS.



LABELS ON FLIPPER PLATE IN CLOSED POSITION

LABELS ON FLIPPER PLATE IN OPEN POSITION

SCALE 1:2

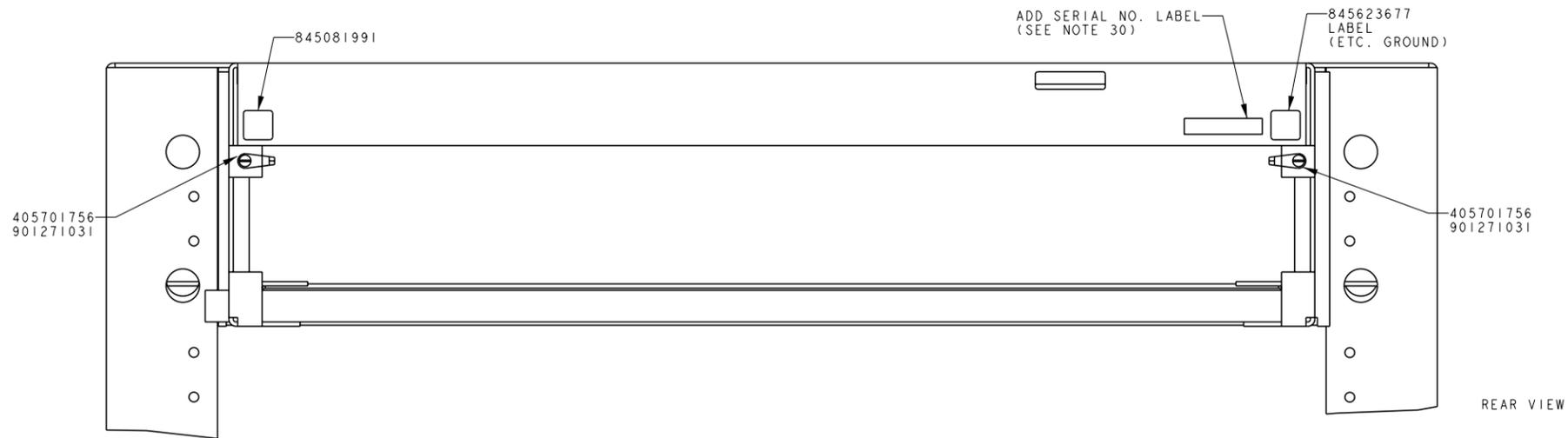
GROUP: 223 A
GROUP: 234 A

GROUP: 233 B
GROUP: 234 B

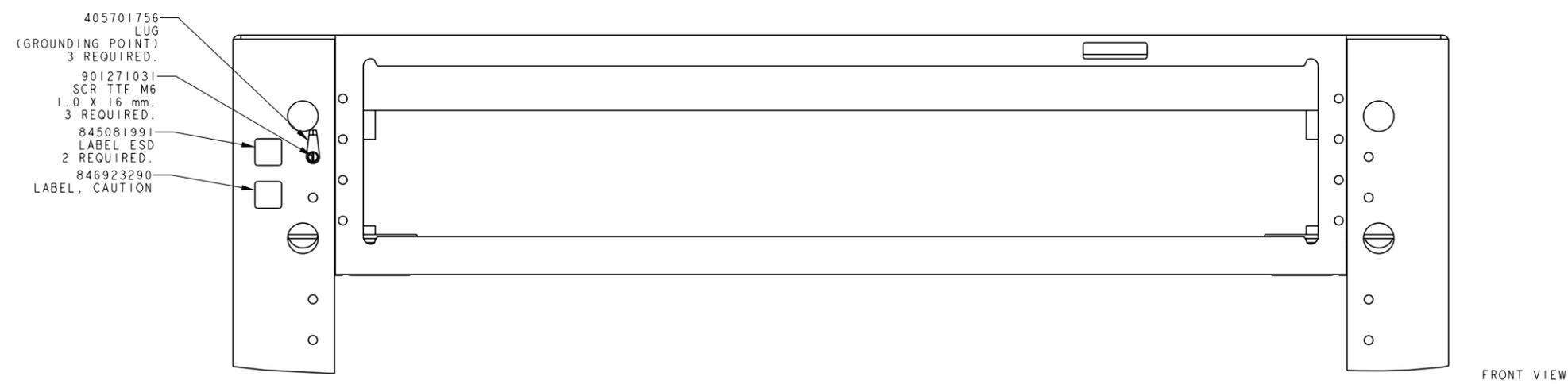
GROUP: 233 C
GROUP: 234 C

ATSCO GROUP 101
ATSCI GROUP 102

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
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SCALE	EDIS018-60	SHEET B3	ISSUE 7	DWG SIZE AIR



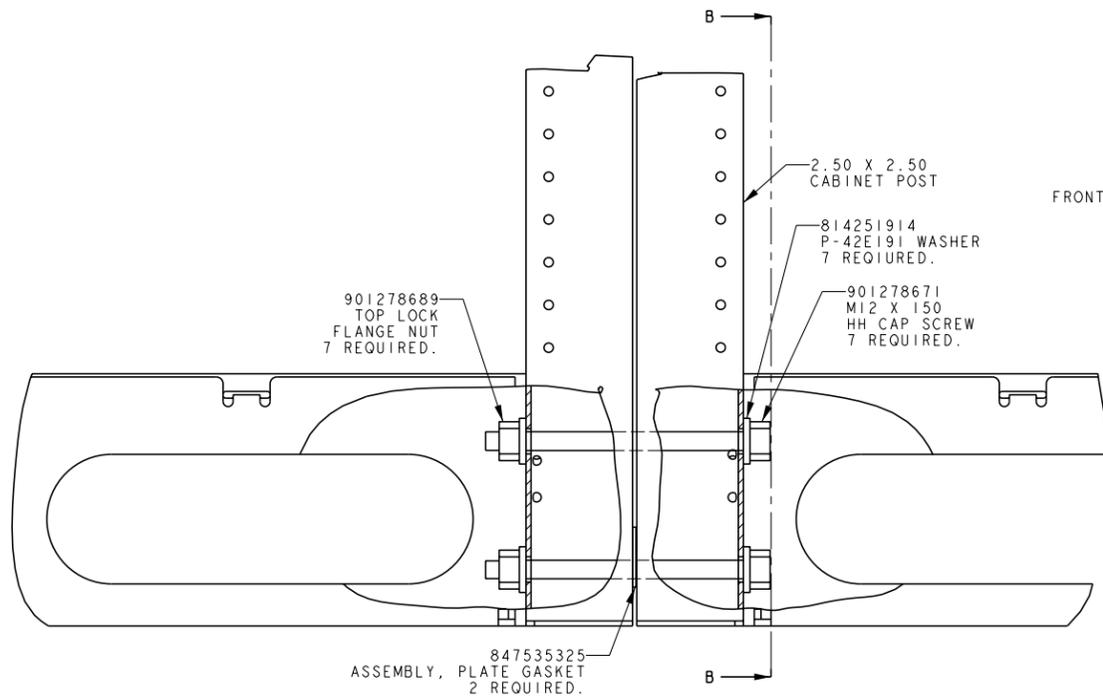
MATERIAL PROVIDED WITH
847513470 GROUP 2.



PROJE AIR-SHEET2.150.FRM AUG 96

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
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SCALE	EDIS018-60	SHEET B4	ISSUE 7	DWG SIZE AIR

847245255



901278689
TOP LOCK
FLANGE NUT
7 REQUIRED.

2.50 X 2.50
CABINET POST

814251914
P-42E191 WASHER
7 REQUIRED.

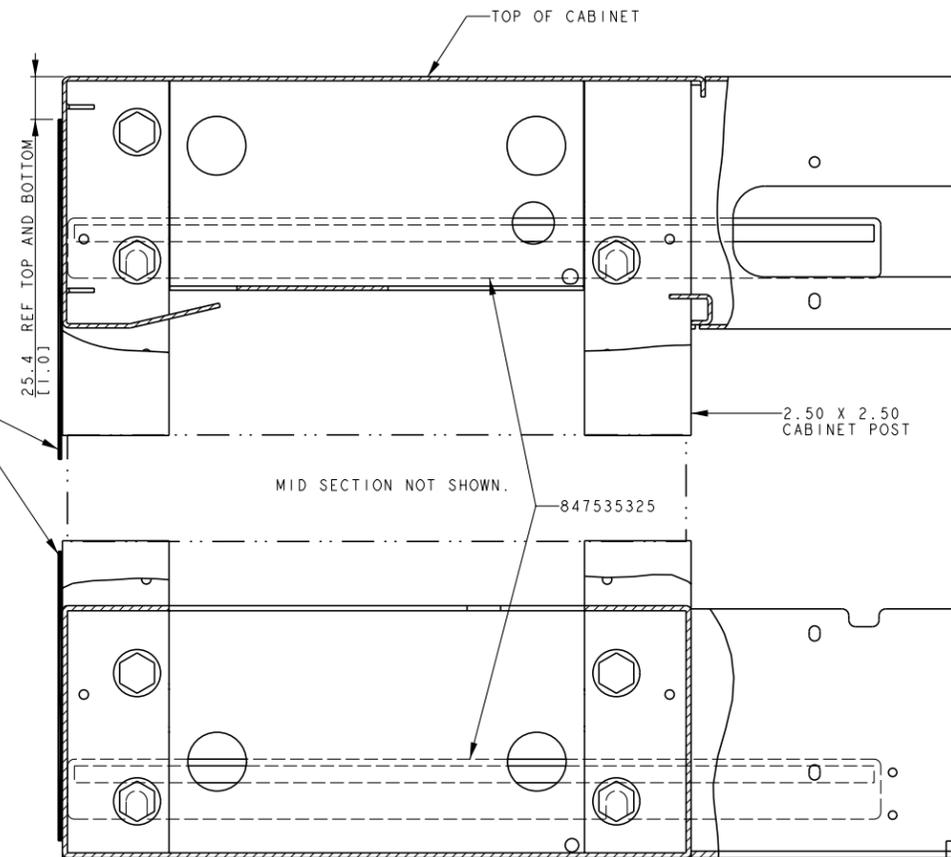
901278671
M12 X 150
HH CAP SCREW
7 REQUIRED.

847535325
ASSEMBLY, PLATE GASKET
2 REQUIRED.

FRONT VIEW
(DOORS REMOVED)
METHOD OF JUNCTIONING TWO CABINETS

MATERIAL PROVIDED WITH
847337565 GROUP 4.

847172178
TAPE, SHIELDING
FRONT OF CABINET ONLY

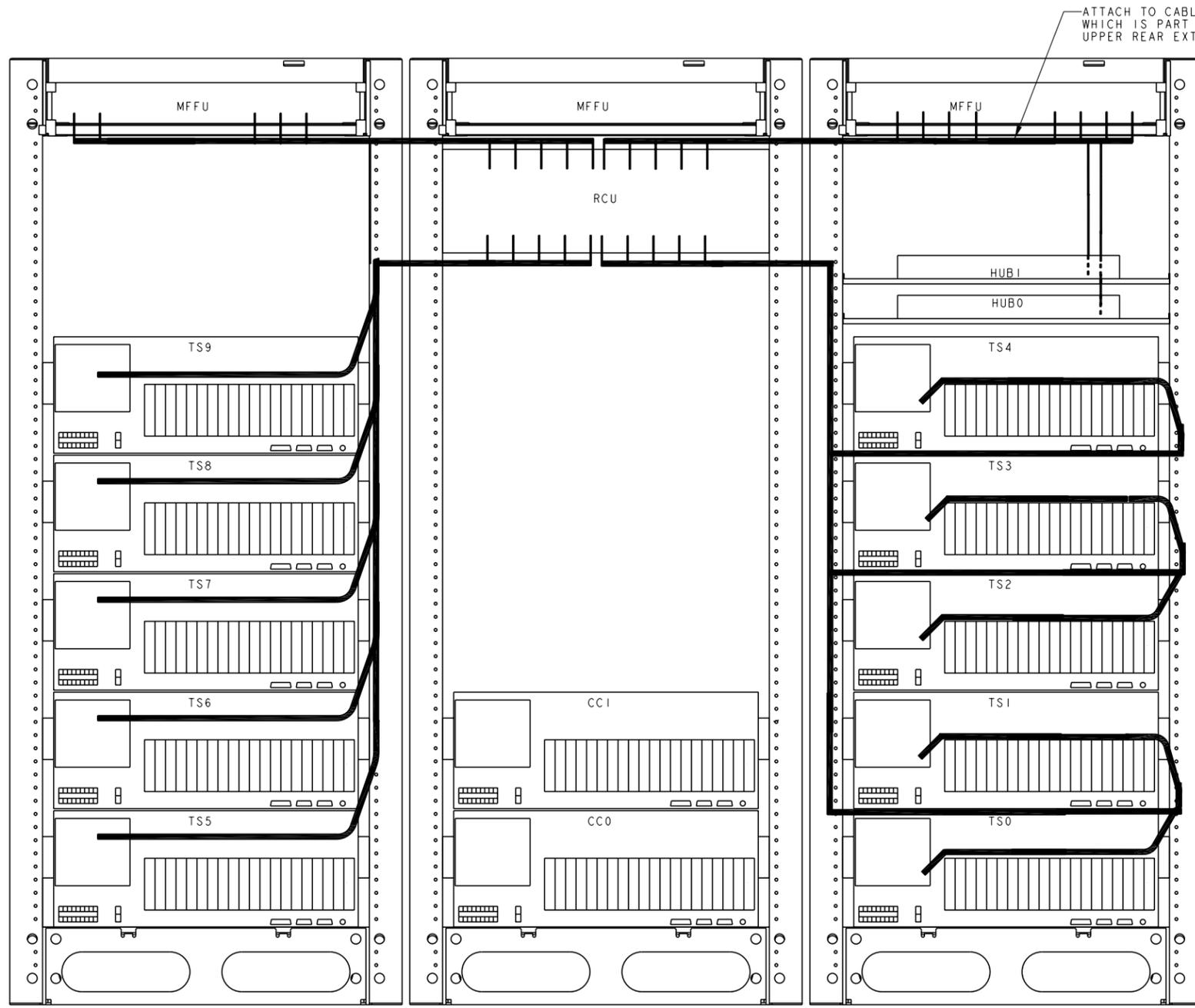


SECTION B-B
SCALE 1:2

PROJ: AIR-SHEET2.150.FRM AUG 96

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
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SCALE	EDIS018-60	SHEET B5	ISSUE 7	DWG SIZE AIR

847245255



ATSC1

ACSC

ATSC0

TABLE DA

LOCATION POWER DOGS CIRCUIT PACKS

COMCODE	CABINET	UNIT /VEQL	PD#/SLOT#	TS#	GROUP
107811847	ACSC	RCU/63	6/11	TS0	440
107811847	ACSC	RCU/63	7/13	TS1	440
107811847	ACSC	RCU/63	8/15	TS2	440
107811847	ACSC	RCU/63	9/17	TS3	440
107811847	ACSC	RCU/63	10/19	TS4	440
107811847	ACSC	RCU/63	11/21	TS5	440
107811847	ACSC	RCU/63	12/23	TS6	440
107811847	ACSC	RCU/63	13/25	TS7	440
107811847	ACSC	RCU/63	14/27	TS8	440
107811847	ACSC	RCU/63	15/29	TS9	440

TABLE CA

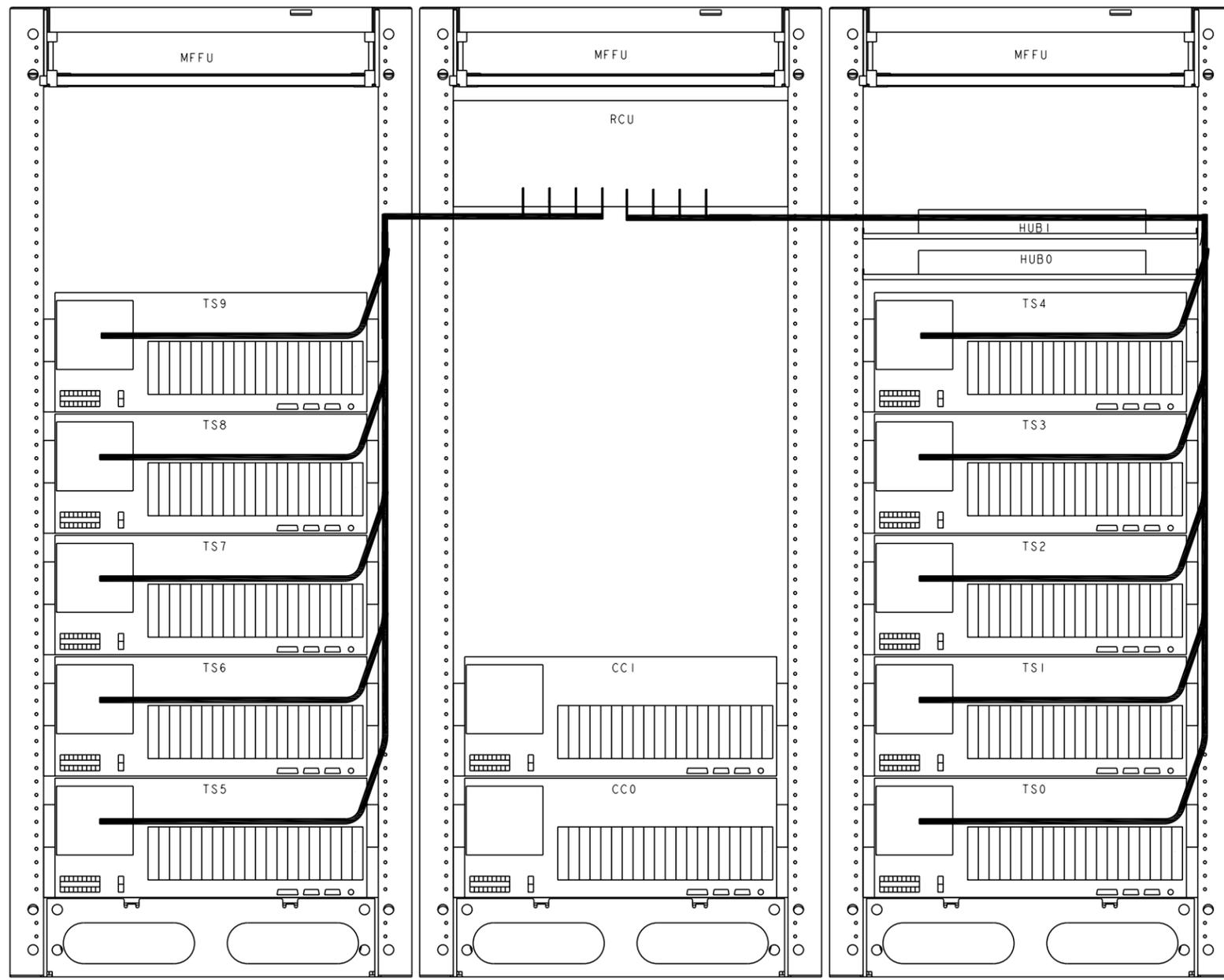
POWER CABLES

CABLE COMCODE	FROM CONNECTOR 1		TO CONNECTOR 2	FROM CONNECTOR 3	TO CONNECTOR 4		GROUP
	CABINET ATSC	UNIT(MFFU) EQL	CABINET/UNIT ACSC/RCU EQL	CABINET/UNIT ACSC/RCU EQL	CABINET ATSC	UNIT EQL	
407606847	0	68-014A	63-SLOT11-IN	63-SLOT11-OUT	0	TS0-11/-48V	420
407606854	0	68-118A	63-SLOT13-IN	63-SLOT13-OUT	0	TS1-20/-48V	421
407606862	0	68-023A	63-SLOT15-IN	63-SLOT15-OUT	0	TS2-29/-48V	422
407606870	0	68-127A	63-SLOT17-IN	63-SLOT17-OUT	0	TS3-38/-48V	423
407606888	0	68-032A	63-SLOT19-IN	63-SLOT19-OUT	0	TS4-47/-48V	424
407606896	1	68-014A	63-SLOT21-IN	63-SLOT21-OUT	1	TS5-11/-48V	425
407696848	1	68-118A	63-SLOT23-IN	63-SLOT23-OUT	1	TS6-20/-48V	426
407696855	1	68-023A	63-SLOT25-IN	63-SLOT25-OUT	1	TS7-29/-48V	427
407696863	1	68-127A	63-SLOT27-IN	63-SLOT27-OUT	1	TS8-38/-48V	428
407696871	1	68-032A	63-SLOT29-IN	63-SLOT29-OUT	1	TS9-47/-48V	429
CABLE COMCODE	FROM CONNECTOR 1		TO CONNECTOR 2		GROUP		
	CABINET ATSC	UNIT(MFFU) ATSC	CABINET ATSC	UNIT(HUB) EQL			
407606821	0	68-041A	0	HUB0-53/-48V	202		
407606821	0	68-141A	0	HUB1-56/-48V	202		

METHOD OF CABLING, POWER CABLES.
 REAR VIEW OF CABINETS WITH CABLE BRACKET ASSEMBLY(S) NOT SHOWN. (SEE SHEET B3)

PROJ: AIR-SHEETS-150-FW AUG 96

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies	
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SCALE	EDIS018-60	SHEET B6	ISSUE 7
		DWG SIZE AIR	



ATSC1

ACSC

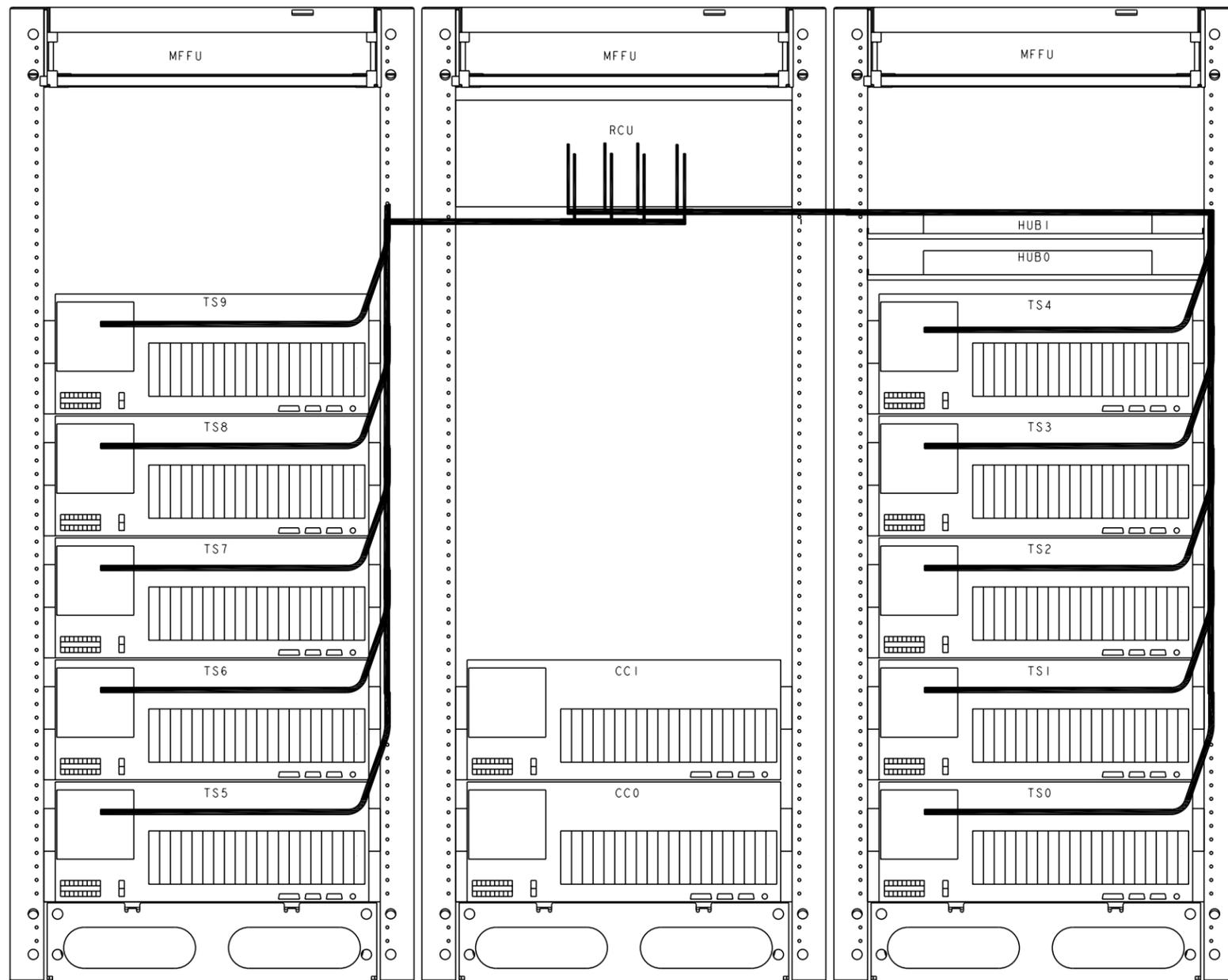
ATSCO

METHOD OF CABLING, RS232 HEARTBEAT MONITORING CABLES.
 REAR VIEW OF CABINETS WITH CABLE BRACKET ASSEMBLY(S) NOT SHOWN.(SEE SHEET B3)

CABLE COMCODE	FROM		TO		LENGTH mm.	GROUP
	CABINET/ UNIT	CONNECTOR 1 EQL	CABINET/ UNIT	CONNECTOR 2 EQL		
407627397	ACSC / RCU	63-011-J11	ATSCO / TS0	11 - 000 - COM2	4720	420
407627397	ACSC / RCU	63-013-J13	ATSCO / TS1	20 - 000 - COM2	4720	421
407627397	ACSC / RCU	63-015-J15	ATSCO / TS2	29 - 000 - COM2	4720	422
407627397	ACSC / RCU	63-017-J17	ATSCO / TS3	38 - 000 - COM2	4720	423
407627397	ACSC / RCU	63-019-J19	ATSCO / TS4	47 - 000 - COM2	4720	424
407627397	ACSC / RCU	63-021-J21	ATSC1 / TS5	11 - 000 - COM2	4720	425
407627397	ACSC / RCU	63-023-J23	ATSC1 / TS6	20 - 000 - COM2	4720	426
407627397	ACSC / RCU	63-025-J25	ATSC1 / TS7	29 - 000 - COM2	4720	427
407627397	ACSC / RCU	63-027-J27	ATSC1 / TS8	38 - 000 - COM2	4720	428
407627397	ACSC / RCU	63-029-J29	ATSC1 / TS9	47 - 000 - COM2	4720	429

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TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
THIRD ANGLE PJTN		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED		
SCALE	EDIS018-60	SHEET B7	ISSUE 7	DWG SIZE AIR



ATSC1

ACSC

ATSC0

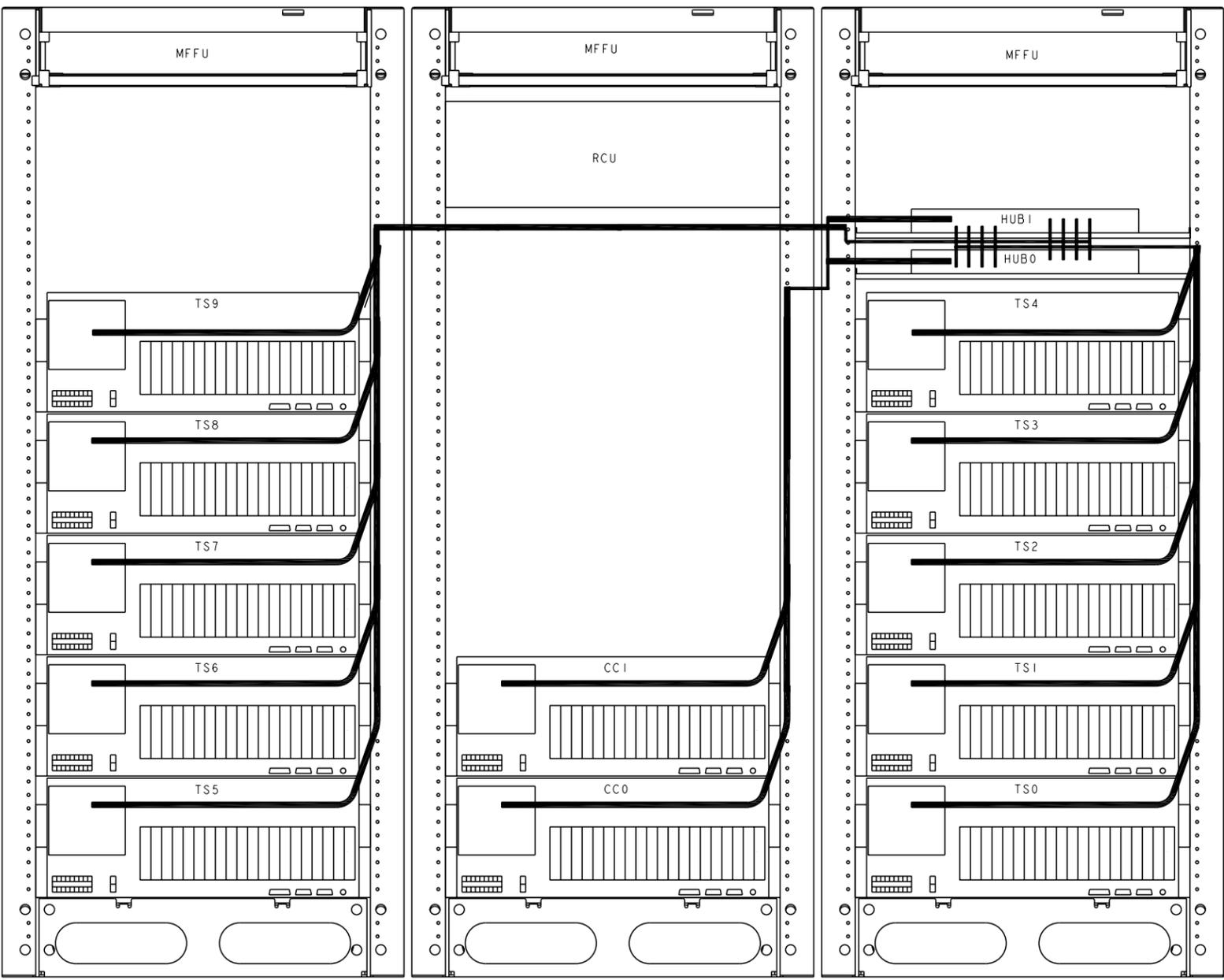
METHOD OF CABLING, RS232 INTERFACE CABLES.
 REAR VIEW OF CABINETS WITH CABLE BRACKET ASSEMBLY(S) NOT SHOWN.(SEE SHEET B3)

CABLE COMCODE	FROM		TO		LENGTH mm.	GROUP
	CABINET/ UNIT	CONNECTOR 1 EOL	CABINET/ UNIT	CONNECTOR 2 EOL		
407652122	ACSC / RCU	63-014-OUT0	ATSC0 / TS0	11 - 000 - COM1	4720	420
407652122	ACSC / RCU	63-018-OUT0	ATSC0 / TS1	20 - 000 - COM1	4720	421
407652122	ACSC / RCU	63-014-OUT1	ATSC0 / TS2	29 - 000 - COM1	4720	422
407652122	ACSC / RCU	63-018-OUT1	ATSC0 / TS3	38 - 000 - COM1	4720	423
407652122	ACSC / RCU	63-006-OUT0	ATSC0 / TS4	47 - 000 - COM1	4720	424
407652122	ACSC / RCU	63-014-OUT2	ATSC1 / TS5	11 - 000 - COM1	4720	425
407652122	ACSC / RCU	63-018-OUT2	ATSC1 / TS6	20 - 000 - COM1	4720	426
407652122	ACSC / RCU	63-014-OUT3	ATSC1 / TS7	29 - 000 - COM1	4720	427
407652122	ACSC / RCU	63-018-OUT3	ATSC1 / TS8	38 - 000 - COM1	4720	428
407652122	ACSC / RCU	63-010-OUT0	ATSC1 / TS9	47 - 000 - COM1	4720	429

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies		
THIRD ANGLE PJTN		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED		
SCALE	EDIS018-60	SHEET B8	ISSUE 7	DWG SIZE AIR

PROJE AIR SHEET 1.150.FW AUG 96

847245255



ATSC1

ACSC

ATSCO

METHOD OF CABLING, ETHERNET CABLES.
 REAR VIEW OF CABINETS WITH CABLE BRACKET ASSEMBLY(S) NOT SHOWN.(SEE SHEET B3)

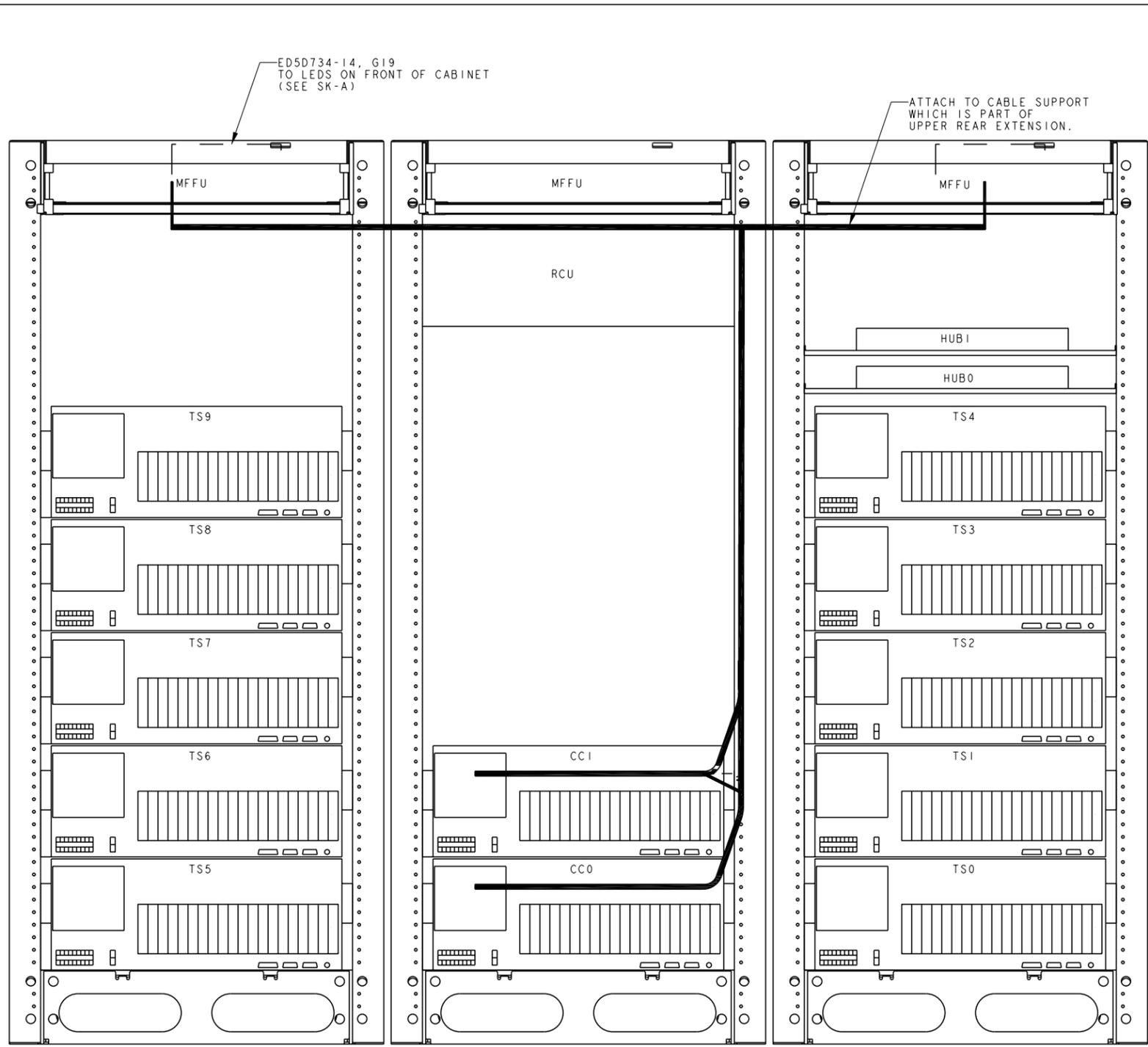
TABLE CD

ETHERNET CABLES

COMCODE CABLE	FROM				TO				LENGTH IN mm.	GROUP
	CABINET	UNIT /VEOL	PORT	PIN	CABINET	UNIT /VEOL	CP /HEOL	PIN		
407606920	ATSC-0	HUB0/53	1	-	ACSC	CC-0/11	EISA - 2	-	4500	202
407606920	ATSC-0	HUB0/53	2	-	ACSC	CC-1/19	EISA - 2	-	4500	202
407606920	ATSC-0	HUB0/53	3	-	ATSC-0	TS-0/11	PCI - 0	-	4500	420
407606920	ATSC-0	HUB0/53	4	-	ATSC-0	TS-1/20	PCI - 0	-	4500	421
407606920	ATSC-0	HUB0/53	5	-	ATSC-0	TS-2/29	PCI - 0	-	4500	422
407606920	ATSC-0	HUB0/53	6	-	ATSC-0	TS-3/38	PCI - 0	-	4500	423
407606920	ATSC-0	HUB0/53	7	-	ATSC-0	TS-4/47	PCI - 0	-	4500	424
407606920	ATSC-0	HUB0/53	8	-	ATSC-1	TS-5/11	PCI - 0	-	4500	425
407606920	ATSC-0	HUB0/53	9	-	ATSC-1	TS-6/20	PCI - 0	-	4500	426
407606920	ATSC-0	HUB0/53	10	-	ATSC-1	TS-7/29	PCI - 0	-	4500	427
407606920	ATSC-0	HUB0/53	11	-	ATSC-1	TS-8/38	PCI - 0	-	4500	428
407606920	ATSC-0	HUB0/53	12	-	ATSC-1	TS-9/47	PCI - 0	-	4500	429
407606920	ATSC-0	HUB1/56	1	-	ACSC	CC-0/11	EISA - 3	-	4500	202
407606920	ATSC-0	HUB1/56	2	-	ACSC	CC-1/19	EISA - 3	-	4500	202
407606920	ATSC-0	HUB1/56	3	-	ATSC-0	TS-0/11	PCI - 1	-	4500	420
407606920	ATSC-0	HUB1/56	4	-	ATSC-0	TS-1/20	PCI - 1	-	4500	421
407606920	ATSC-0	HUB1/56	5	-	ATSC-0	TS-2/29	PCI - 1	-	4500	422
407606920	ATSC-0	HUB1/56	6	-	ATSC-0	TS-3/38	PCI - 1	-	4500	423
407606920	ATSC-0	HUB1/56	7	-	ATSC-0	TS-4/47	PCI - 1	-	4500	424
407606920	ATSC-0	HUB1/56	8	-	ATSC-1	TS-5/11	PCI - 1	-	4500	425
407606920	ATSC-0	HUB1/56	9	-	ATSC-1	TS-6/20	PCI - 1	-	4500	426
407606920	ATSC-0	HUB1/56	10	-	ATSC-1	TS-7/29	PCI - 1	-	4500	427
407606920	ATSC-0	HUB1/56	11	-	ATSC-1	TS-8/38	PCI - 1	-	4500	428
407606920	ATSC-0	HUB1/56	12	-	ATSC-1	TS-9/47	PCI - 1	-	4500	429

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies	
THIRD ANGLE PJTN		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED	
SCALE	EDIS018-60	SHEET B9	ISSUE 7
		DWG SIZE AIR	

PROJ# AIR-SHEETZ-150-FW AUG 96



ED5D734-14, G19
TO LEDS ON FRONT OF CABINET
(SEE SK-A)

ATTACH TO CABLE SUPPORT
WHICH IS PART OF
UPPER REAR EXTENSION.

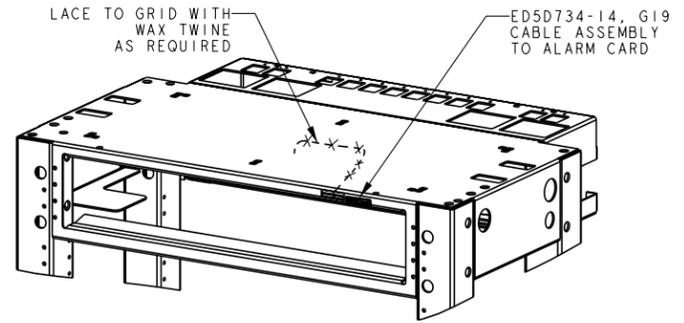
TABLE CE

ALARM

COMCODE	FROM UNIT MFFU					TO			
	CABINET	CONNECTOR 1	CONNECTOR 2	CONNECTOR 3	CONNECTOR 4	CABINET	UNIT/VEOL	TERMINAL	TERMINAL
407695444	ATSC-0	68-098-106	69-098-103	68-098-116	68-098-111	ACSC	CC1/19	CH5+=GREEN	CH5-=WHITE
407695451	ATSC-1	68-098-106	69-098-103	68-098-116	68-098-111	ACSC	CC1/19	CH6+=GREEN	CH6-=WHITE

COMCODE	FROM				TO			
	CABINET	UNIT/VEOL	TERMINAL	TERMINAL	CABINET	UNIT/VEOL	TERMINAL	TERMINAL
407695469	ACSC	CC0/11	CH5+=GREEN	CH5-=WHITE	ACSC	CC1/19	CH5+=GREEN	CH5-=WHITE
407695477	ACSC	CC0/11	CH6+=GREEN	CH6-=WHITE	ACSC	CC1/19	CH6+=GREEN	CH6-=WHITE

COMCODE	FROM		TO	
	CABINET	MFFU CONNECTOR 1	CABINET	
ED5D734-14 G19	ATSC-0	68-098-000	ATSC-0	FRONT INDICATOR STRIP SEE BELOW
ED5D734-14 G19	ATSC-1	68-098-000	ATSC-1	FRONT INDICATOR STRIP SEE BELOW



LACE TO GRID WITH
WAX TWINE
AS REQUIRED

ED5D734-14, G19
CABLE ASSEMBLY
TO ALARM CARD

SK A
METHOD OF ROUTING
LED ALARM CABLE
IN TOP OF FRAME

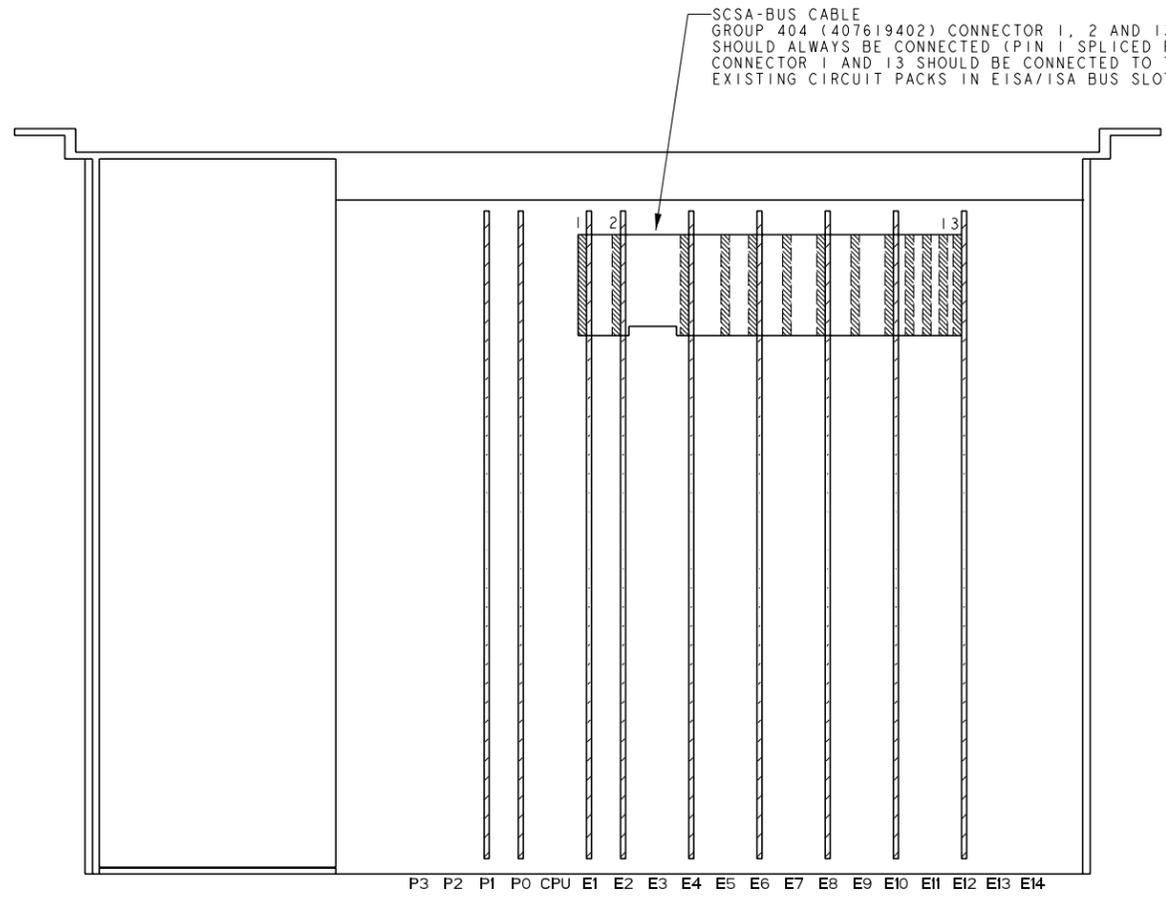
ATSC1

ACSC

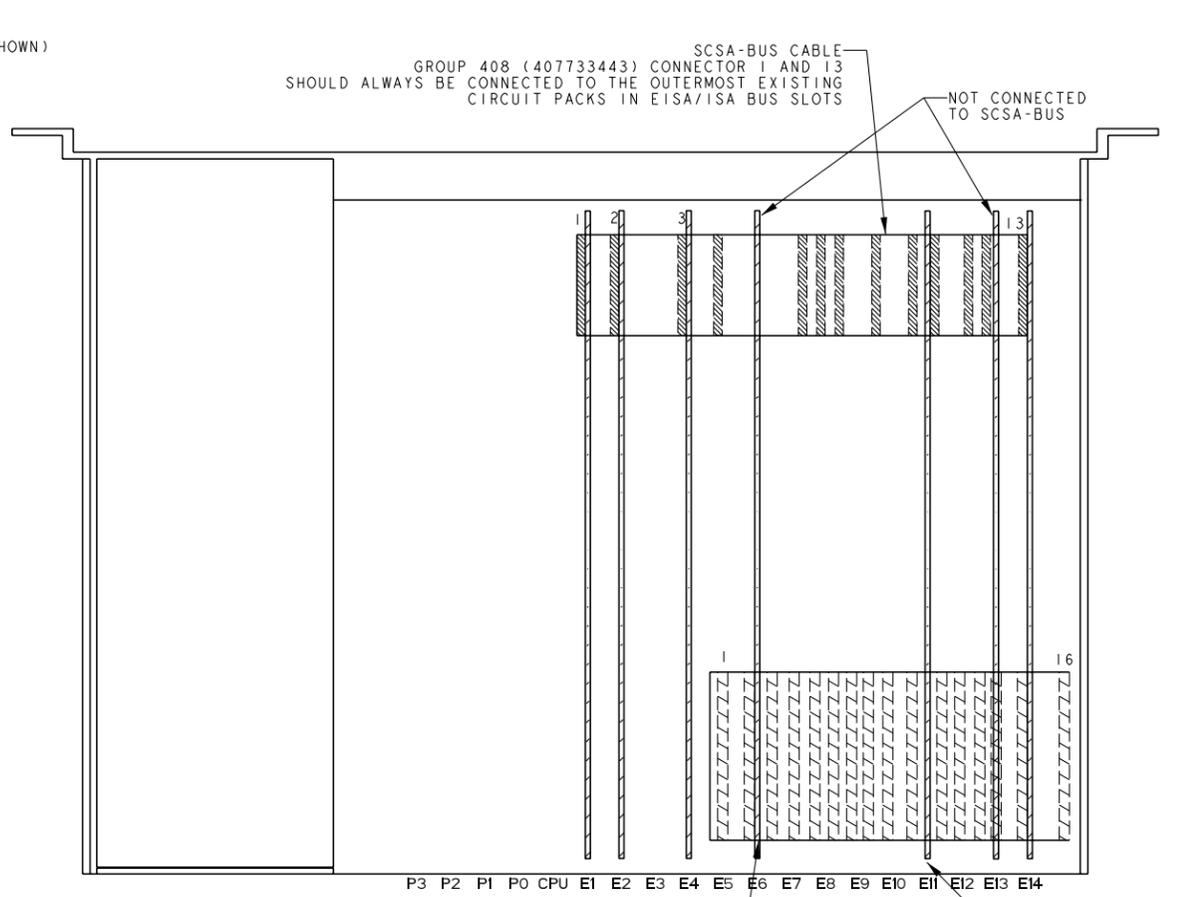
ATSC0

METHOD OF CABLING, ALARM CABLES.
REAR VIEW OF CABINETS WITH CABLE BRACKET ASSEMBLY(S) NOT SHOWN.(SEE SHEET B3)

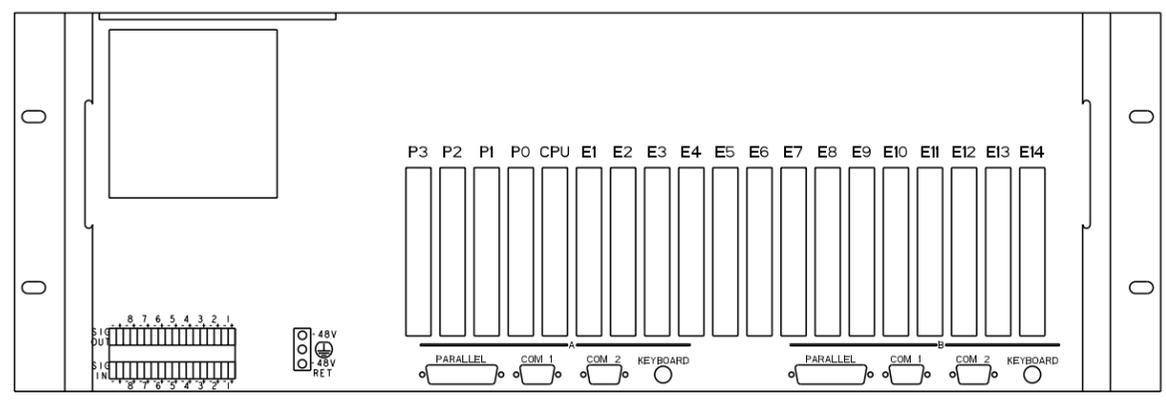
TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies	
THIRD ANGLE PJTN 	LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED		
SCALE	EDIS018-60	SHEET B10	ISSUE 7 DWG SIZE AIR



TOP VIEW (CONFIGURATION 4)



TOP VIEW (CONFIGURATION 10)



REAR VIEW TELECOM SERVER UNIT.

SCSA-BUS CABLE GROUP 408 (407733443) CONNECTOR 1 AND 13 SHOULD ALWAYS BE CONNECTED TO THE OUTERMOST EXISTING CIRCUIT PACKS IN EISA/ISA BUS SLOTS

NOT CONNECTED TO SCSA-BUS

MVIP-BUS CABLE GROUP 405 (407661446) CONNECTOR 2 AND 15 SHOULD ALWAYS BE CONNECTED TO THE OUTERMOST EXISTING CIRCUIT PACKS IN EISA/ISA BUS SLOTS

NOT CONNECTED TO MVIP-BUS

NOTE:
 CONFIGURATION 4 AND 10 ARE EXAMPLES ONLY.
 TO SHOW THE SCSA AND/OR MVIP-BUS.
 FOR ALL CONFIGURATIONS SEE TABLE BC.
 NOT ALL DETAILS ARE SHOWN FOR CLARITY.

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies	
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SCALE	EDIS018-60	SHEET B11	ISSUE 8
		DWG SIZE AIR	

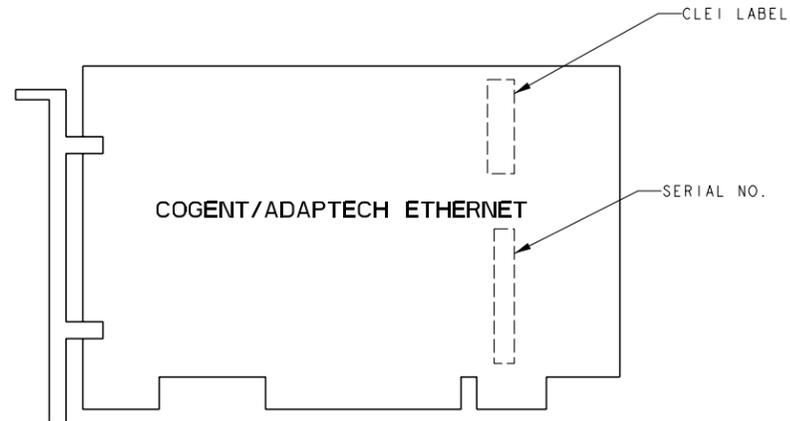


FIG. N
LIST CC
APPROXIMATE LOCATION OF LABELS AS SHOWN

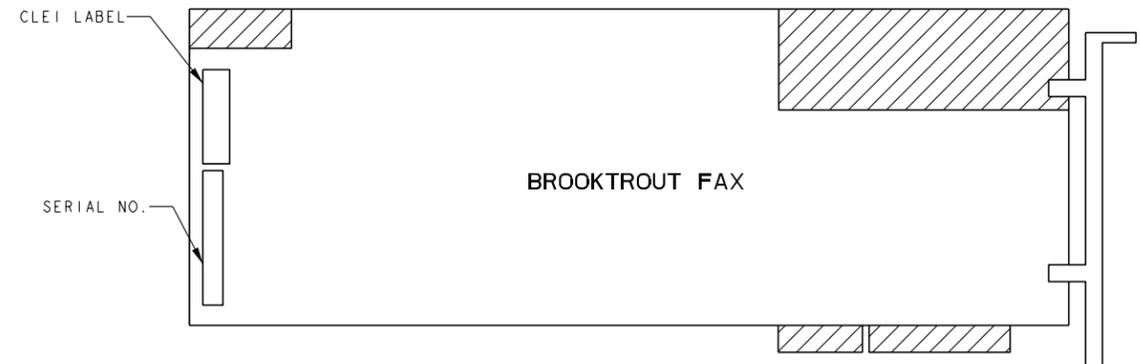


FIG. R
LIST CF
APPROXIMATE LOCATION OF LABELS AS SHOWN

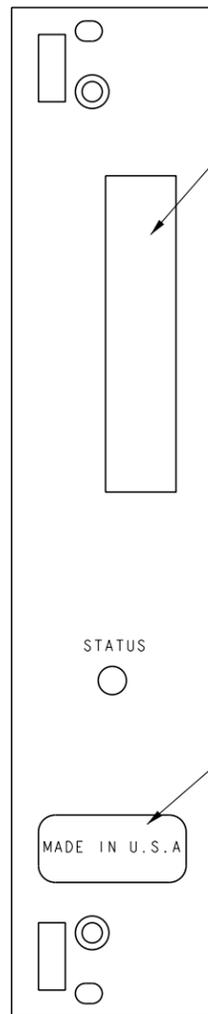
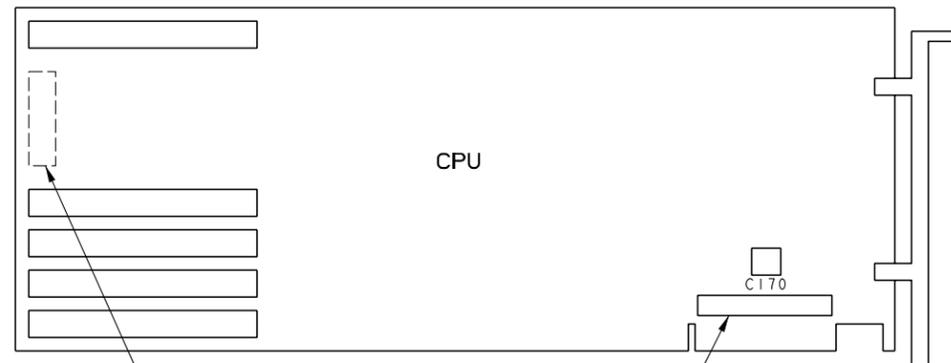


FIG. M
CLEI LABEL PLACEMENT
RCU UNIT CIRCUIT PACK
FACE PLATES

LUCENT TECHNOLOGIES CLEI LABEL
CENTER VERTICALLY IN THE
SPACE AVAILABLE, AND LOCATE
APPROXIMATELY 5 [0.2]
IN FROM THE RIGHT EDGE
OF THE FACEPLATE.

U.S.A. LABEL
CENTER HORIZONTALLY, LOCATE
SO VISIBLE ABOVE LATCH/LEVER,
ALIGN VERTICAL POSITION ON ALL
FACEPLATES FOR CONSTANT
APPEARANCE.



TOP VIEW
FIG. P
LIST CA LABEL SHOULD BE PLACED UNDER C170 DEVICE)
APPROX 76.2 [3.00] TO THE LEFT OF THE FACEPLATE
AND JUST ABOVE GOLD FINGERS ON TOP SIDE OF CPU BOARD.
CLEI LABEL SHOULD BE PLACED ON BOTTOM SIDE OF
CPU BOARD ON OUTER MOST EDGE ADJACENT TO C1 & C2 COMPONENTS

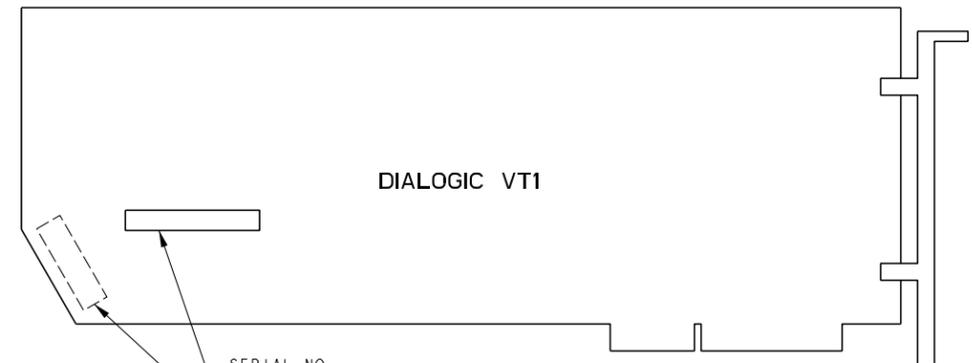


FIG. S
LIST CD
APPROXIMATE LOCATION OF LABELS AS SHOWN

PROJ# AIR-SHEET2.150.FRM AUG 96

TITLE ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET		Lucent Technologies		
THIRD ANGLE PJTN 		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED		
SCALE	EDIS018-60	SHEET B 12	ISSUE 7	DWG SIZE AIR

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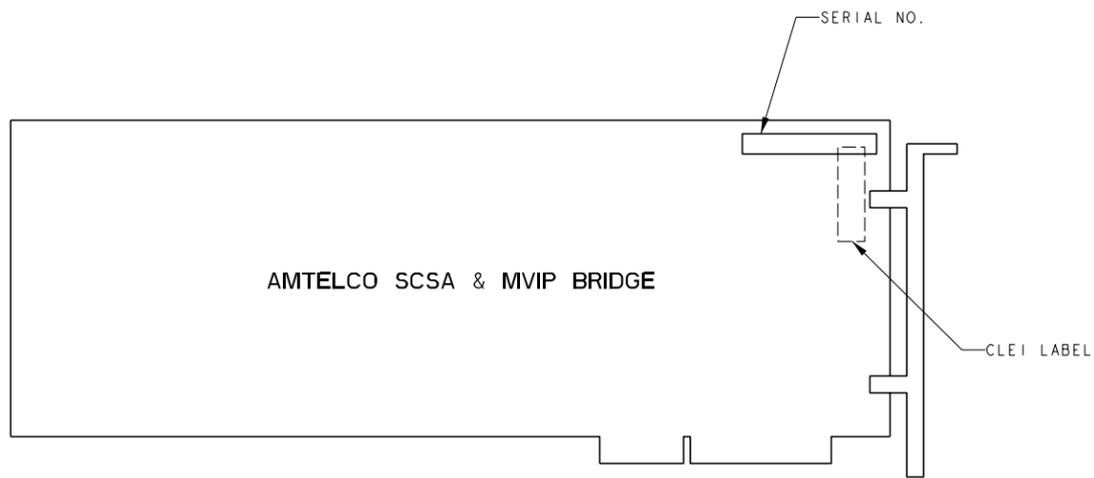


FIG. S
LIST CG
APPROXIMATE LOCATION OF LABELS AS SHOWN

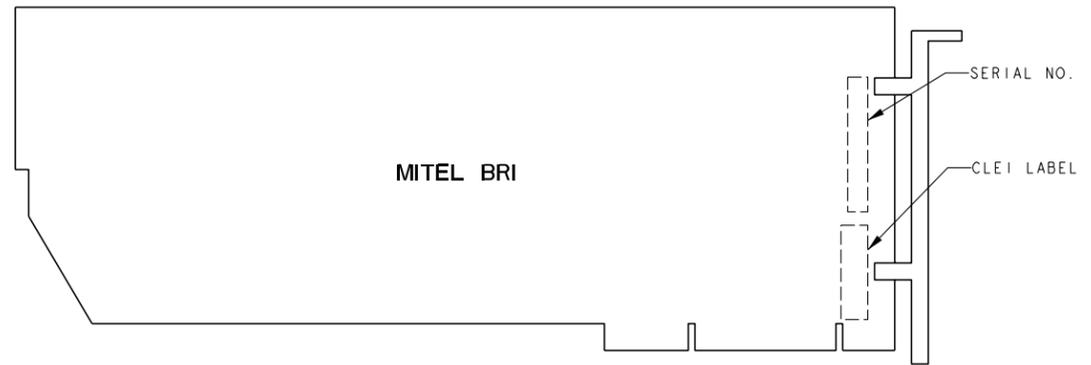


FIG. T
LIST CH
APPROXIMATE LOCATION OF LABELS AS SHOWN

PROJ: AIR-SHEET2.1.DWG P1W AUG 96

TITLE		ADVANCED INTELLIGENT NETWORK SPECIFICATION FOR ADVANTAGE TELECOM SERVER CABINET (P)		Lucent Technologies	
THIRD ANGLE PJTN		LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED			
SCALE	EDIS018-60		SHEET B13	ISSUE 7	DWG SIZE AIR

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MANUFACTURING NOTES

***** CONTINUED *****

OF THE POWERDOG PER FIG. "M".
THE "MADE IN U.S.A." LABEL IS TO BE APPLIED TO THE POWERDOG
CIRCUIT PACK FACEPLATE PER FIG. "M".

X 29. DIVERSIFIED TECHNOLOGIES INC. (DTI) IS TO PROCURE AND APPLY ALL LABELING ON THE TELECOM SERVER UNIT PLUGGABLE APPARATUS. THESE REQUIRED LABELS INCLUDE THE CLEI LABELS PER LUCENT SPECIFICATION KS22002, LIST 53 AND SERIAL NUMBER AND COMCODE LABELS PER LUCENT SPECIFICATION KS23490, LIST 5. THE CLEI LABELS ARE COMCODED ITEMS ORDERED BY GROUPS CA, CB, CC ETC. OF THIS DRAWING. THEY MAY BE PRINTED IN-HOUSE PER KS22002 REQUIREMENTS OR PROCURED BY COMCODE FROM THE FOLLOWING LUCENT APPROVED VENDOR:

GRAPHIC TECHNOLOGY
301 GARDNER DRIVE
NEW CENTURY, KANSAS 66031

TELEPHONE (913) 764-5550 EXT 181 (ATTN: FRED COMBS)

THE SERIAL NUMBER AND COMCODE LABELS CAN ALSO BE PRINTED IN-HOUSE PER KS23490, LIST 5 REQUIREMENTS OR PROCURED FROM GRAPHIC TECHNOLOGY. SN/COMCODE LABEL ORDERS TO GRAPHIC TECHNOLOGY MUST SPECIFY QUANTITY REQUIRED, LIST NUMBER FROM KS23490, THE COMCODES REQUIRED AND THE BLOCK OF LUCENT TECHNOLOGIES SERIAL NUMBERS REQUIRED. LUCENT TECHNOLOGIES IS RESPONSIBLE FOR SUPPLYING THE INTEGRATOR WITH THE LUCENT SERIAL NUMBERS ALLOCATED ON A MONTHLY BASIS PER PROJECTED PRODUCTION QUANTITIES. DTI'S MANUFACTURING LOCATION ID CODE FOR USE IN THE SERIAL NUMBER LABELS IS "9S".

CLEI, SERIAL NUMBER AND COMCODE LABELS ARE TO BE APPLIED TO THE SOLDER SIDE OF THE PLUGGABLE APPARATUS PRINTED WIRING BOARDS IN CONSISTANT LOCATIONS TO BE DETERMINED BY DTI. LABEL VISIBILITY WHEN THE PACKS ARE INSTALLED IN THE DTI CHASSIS, IE. TOP EDGE OF PWB IS PREFERRED BUT NOT REQUIRED BASED ON SPACE AVAILABLE.

THE INTEGRATOR MAY ALSO APPLY STANDARD SUBRACK SERIALIZATION LABELING TO THE OUTSIDE OF THE TELECOM SERVER CHASSIS AS PART OF STANDARD MANUFACTURING PROCESS. THE DTI SERIAL NUMBER ON THE SUBRACK LABEL IS TO CORRELATE TO THE SPECIFIC CONTENTS OF THE CHASSIS. AN ELECTRONIC AND HARD COPY DATABASE OF ALL LUCENT TECHNOLOGIES SERIAL NUMBERS CORRELATING TO THE DTI SUBRACK SERIAL NUMBER IS TO BE MAINTAINED, WITH AT LEAST A HARD COPY RECORD ACCOMPANYING EACH SUBRACK DELIVERED TO THE INTEGRATOR. ELECTRONIC TRANSFER OF THE SAME SERIAL NUMBER TRACKING DATA WILL BE PER REQUIREMENTS ESTABLISHED BY THE INTEGRATOR.

X 30. THE INTEGRATOR IS TO PROCURE AND APPLY ALL LABELING ON ALL OPTIONAL DTI UNIT PLUGGABLE APPARATUS LISTS 540 AND UP. REQUIRED LABELS INCLUDE THE CLEI LABELS PER LUCENT SPECIFICATION KS22002, LIST 53 AND SERIAL NUMBER AND COMCODE LABELS PER LUCENT SPECIFICATION KS23490, LIST 5. THE CLEI LABELS ARE COMCODED ITEMS ORDERED BY GROUPS CA, CB, CC ETC. OF THIS DRAWING. THEY MAY BE PRINTED IN-HOUSE PER KS22002 REQUIREMENTS OR PROCURED BY COMCODE FROM THE FOLLOWING LUCENT APPROVED VENDOR:

GRAPHIC TECHNOLOGY
301 GARDNER DRIVE
NEW CENTURY, KANSAS

TELEPHONE (913) 764-5550 EXT 181 (ATTN: FRED COMBS)

THE SERIAL NUMBER AND COMCODE LABELS CAN ALSO BE PRINTED IN-HOUSE PER KS23490, LIST 5 REQUIREMENTS OR PROCURED FROM GRAPHIC TECHNOLOGY. SN/COMCODE LABEL ORDERS TO GRAPHIC TECHNOLOGY MUST SPECIFY QUANTITY REQUIRED, LIST NUMBER FROM KS23490, THE COMCODES REQUIRED AND THE BLOCK OF LUCENT TECHNOLOGIES SERIAL NUMBERS REQUIRED. LUCENT TECHNOLOGIES IS RESPONSIBLE FOR SUPPLYING THE INTEGRATOR WITH THE LUCENT SERIAL NUMBERS ALLOCATED ON A MONTHLY BASIS WITH PROJECTED PRODUCTION QUANTITIES. THE INTEGRATOR'S MANUFACTURING LOCATION ID CODE FOR USE IN THE SERIAL NUMBER LABELS IS "9R".

CLEI LABELS ARE TO BE APPLIED TO THE CIRCUIT PACKS PER FIGURES ON THE B-SHEETS. SERIAL NUMBER AND COMCODE LABELS ARE TO BE APPLIED TO THE SOLDER SIDE OF THE APPARATUS PRINTED WIRING BOARDS IN CONSISTANT LOCATIONS AS DETERMINED BY THE INTEGRATOR.

THE INTEGRATOR MAY ALSO APPLY STANDARD SUBRACK SERIALIZATION LABELING TO THE OUTSIDE OF THE DTI UNIT CHASSIS AS PART OF THE STANDARD MANUFACTURING PROCESS.

----- CONTINUED ON NEXT SHEET -----

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MANUFACTURING NOTES

***** CONTINUED *****

X X 13. MILLIMETERS. EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS. WHEN JUNCTIONING SIX FOOT CABINETS TOGETHER THE LEVEL OF EACH CABINET SHALL BE DETERMINED AT THE TOP SURFACE OF THE CABINET AND NOT THE BOTTOM, WHEN JUNCTIONING THE CABINETS TOGETHER IN BLOCKS OF TWO, THREE OR FOUR CABINETS.

X X 14. THE HEXAGON HEAD CAP SCREWS USED FOR JUNCTIONING CABINETS TOGETHER MAY BE INSERTED FROM EITHER SIDE OF THE JUNCTION AS DETERMINED BY THE MANUFACTURING LOCATION.

X 15. ALL B-SHEETS SHOW MAXIMUM CONFIGURATIONS.

X 16. CABINET ADDRESS LABELS SHOWN IN THE STOCKLIST ARE FOR ACCOUNTING PURPOSES ONLY ACTUAL LABELS ARE PROVIDED PER JOB SPECIFICATIONS.

X 17. ATTACH ONE LABEL TO THE TOP, MIDDLE, REAR OF THE CABINET FOR IDENTIFICATION PURPOSES. THE REMAINING LABELS ARE TO BE BAGGED AND ATTACHED TO THE CABINET FOR FIELD APPLICATION TO THE FRONT AND REAR INDICATOR STRIPS.

X 18. FOR CABLE EQL LOCATIONS SEE TABLE CE (SHEET B10)

X 19. TO BE OBTAINED FROM:

DIVERSIFIED TECHNOLOGY INC.
112 EAST STATE STREET
RIDGELAND, MS 39157

TEL. (601) 856-4121, FAX. (601) 856-2888

X 20. TO BE OBTAINED FROM:

COGENT DATA TECHNOLOGIES
15375 SE 30TH PLACE, SUITE 310
BELLEVUE, WA 98007

TEL. (206) 603-0333, FAX. (206) 603-9223

X 21. STAMP THE UNIT IDENTIFICATION I.E. (HUB0,TS1 ETC.) ON EACH UNIT IN .318MM (.125 IN) CHARACTERS, BLACK INK, APPROXIMATELY AS SHOWN.

X 22. ALL CABLING CONNECTED TO THE ACSC HAS TO BE DISCONNECTED AT THE ACSC-SIDE. THE EXCESS LENGTHS MUST BE COILED, PLACED IN A PLASTIC BAG AND SECURED WITHIN THE FRAMEWORK OF THE CABINET. THERE IS ONE EXCEPTION TO THE ABOVE RULE: THE RCU POWER CABLES MUST REMAIN CONNECTED AT THE ACSC(RCU)-SIDE AND DISCONNECTED AT THE ATSCO/1(MFFU)-SIDE.

X 23. TO BE OBTAINED FROM:

CARLO GAVAZZI, INC.
MUPAC BUSINESS UNIT
10 MUPAC DRIVE
BROCKTON, MA 02401.

TEL. (508) 588-6110, FAX. (508) 588-0498

X 24. TO BE OBTAINED FROM:

DIALOGIC CORPORATION
3307 NORTHLAND DRIVE SUITE 270
AUSTIN, TX 78731

TEL. (800) 755-4444, FAX. (512) 459-7767

X 25. TO BE OBTAINED FROM:

MITEL CORPORATION
2255 CRESCENT DR.
FLORIDA, MT. DORA, 32757

TEL. (352) 383-8877, FAX. (352) 383-8822

X 26. TO BE OBTAINED FROM:

BROOKTROUT TECHNOLOGY, INC.
144 GOULD STREET
NEEDHAM, MA 02192

TEL. (617) 449-4100, FAX. (617) 449-9009

X 27. TO BE OBTAINED FROM:

AMELCO
4800 CURTAN DRIVE
MCFARLAND, WI 53558

TEL. (608) 838-4194, FAX. (608) 838-8361

X 28. LUCENT TECHNOLOGIES IS TO PROCURE AND APPLY ALL LABELING ON THE RCU PLUGGABLE APPARATUS PER STANDARD LUCENT TECHNOLOGIES PROCESSES. REQUIRED LABELS INCLUDE THE CLEI LABEL PER KS22002,L61 SERIAL NUMBER AND COMCODE LABELS PER KS23490 AND THE "MADE IN THE U.S.A" LABEL. CLEI LABEL IS TO BE APPLIED TO THE FRONT FACEPLATE

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

X 11. ASSEMBLY INFORMATION IS PROVIDED PER THE FOLLOWING B-SHEETS:

GROUP	SHEET/NOTE
1	B1
2	B4
3	N.A. INSTALLATION MATERIAL
4	B5
5	N.A.
6	B2
7	N.A. INSTALLATION MATERIAL
8	N.A. INSTALLATION MATERIAL
9	N.A. INSTALLATION MATERIAL
10	B3
100	B1,B3
101	B3
102	B3
103	B10
104	B10
105	B1,B3
200	B2
201	B2,B3
202	B6,B9
400 THRU 400A	B2,B3
401 THRU 403	N.A.
404 THRU 408	B11
420 THRU 429	B6,B7,B8,B9
440	B6
500 THRU 690	N.A.
AA THRU AB	N.A.
CA THRU CX	B12,B13

X X 12. THIS DOCUMENT CONTAINS BOTH CUSTOMARY U.S. (INCH) AND SI (METRIC) DIMENSIONS. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN ----- CONTINUED TO THE LEFT -----

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BT13

ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	847265733		ASSEMBLY, FRAME			
1100	2	1	847513470		KIT, SAFETY			
1200	3	1	847337573		KIT, JUNCTION NON-UNITIZED (EMC)		*/	22
1300	4	1	847337565		KIT, JUNCTION UNITIZED (EMC)			13 14
1350	10	6	847169190		ROD, ROUND UNIVERSAL SUPPORT ROD (2.25")			
1360	10	12	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1400	5	4	901249177		LABEL, DESIGNATION			16 17
1500	6	1	847542305		CHANNEL, LEFT VERTICAL CABLE			
1510	6	1	847306008		ASSEMBLY, CHANNEL (VERTICAL CABLE)			
1520	6	8	901296160		SCREW, HEXAGONAL WASHER #M6X10MM M6 X 10MM LG, STEEL, ACR2 PHILLIPS, ZINC OLIVE DRAB CHROMATE			
1600	7	1	847272861		KIT, INDICATOR (FAN/FUSE, EMC)		S	
1700	8	1	847306636		KIT, INDICATOR (BLANK, EMC)		S	
1800	9	1	847443314		KIT, CABINET DOOR ASSY (EMC) AINET		S	
2000	100	1	J5D003FJ-1,L157, LCH,LCK,LCR,LF3		UNIT, MODULAR, FUSE/FILTER			
2010	101	1	ED5D088-12, G233A,G233B, G233C		LABELS, FUSE			
2020	102	1	ED5D088-12, G234A,G234B, G234C		LABELS, FUSE			
2030	103	1	407695444		CABLE ASSEMBLY, ALARM #9031591-01 MUPAC			18
2033	103	1	407695469		CABLE ASSEMBLY, ALARM #9031592-01 MUPAC			18
2035	103	1	ED5D734-14,G19		CABLE, MFFU POWER & ALARM			18
2040	104	1	407695451		CABLE ASSEMBLY, ALARM #9031591-02 MUPAC			18
2043	104	1	407695477		CABLE ASSEMBLY, ALARM #9031592-02 MUPAC			18
2045	104	1	ED5D734-14,G19		CABLE, MFFU POWER & ALARM			18
2100	200	1	407616978		UNIT #S1200 TX COGENT			20
2110	201	1	847771201		KIT, FINAL ASSEMBLY			
2120	202	1	847771243		KIT, CABLE			
2300	400	1	407625243		SHELF, CONTROL #93000480 DTI			19
2301	400A	1	407694447		SHELF, CONTROL #913000433 DTI			
2310	401	1	407538214		PACK,CIRCUIT, CPU #912574510 CLEI = E5PQASGA DTI			19 29

STOCKLIST CONTINUED ON SHEET D3

ED1S018-60

S H O P	I N S T	MANUFACTURING NOTES	
		31.	
		***** CONTINUED *****	
		THE INTEGRATOR IS TO PROCURE AND APPLY SERIALIZATION LABELING ON ALL CABINETS AS SHOWN ON THE REAR RIGHT HAND UPPER CORNER VIEW OF SHEET B4. LABELS SHOULD CONFORM KS23490, LIST 5.	
X		31. LUCENT TECHNOLOGIES IS TO PROCURE AND APPLY LABELING ON THE LUCENT TECHNOLOGIES MANUFACTURED DTI PLUGGABLE APPARATUS PER STANDARD LUCENT TECHNOLOGIES. REQUIRED LABELS INCLUDE THE CLEI LABEL PER KS22002,L61 SERIAL NUMBER AND COMCODE LABELS PER KS23490, LIST 5.	

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ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

BT13

DWG SIZE C2

ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60

SHEET D2 OF 23

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2320	402	2	407668482		MODULE, CENTRAL PROCESSING UNIT #410004045 DTI 32MB PER SIMM			19
2330	403	1	407615319		PACK,CIRCUIT #912-100001-0000 CLEI = E5ICMHOA COGENT/ADAPTECH			23 29
2340	404	1	407619402		CABLE ASSEMBLY, COMPUTER #9031547-01 MUPAC NON-STANDARD SCSA(PIN 1 REMOVED)			
2350	405	1	407661446		CABLE ASSEMBLY, COMPUTER #9031556-01 MUPAC MVIP			
2360	406	1	407661438		CABLE ASSEMBLY, COMPUTER #9031559-01 MUPAC STANDARD SCSA			
2370	407	2	407604222		MODULE, CPU, PLUG IN #410004048 DTI 64MB PER SIMM			19
2380	408	1	407733443		CABLE ASSEMBLY, SIGNAL #903162-01 MUPAC NON-STANDARD SCSA(SPECIAL SPACING)			
2500	410	1	847771227		KIT, FINAL ASSEMBLY			
2600	420	1	847771268		KIT, CABLE			
2610	421	1	847771276		KIT, CABLE			
2620	422	1	847771284		KIT, CABLE			
2630	423	1	847771292		KIT, CABLE			
2640	424	1	847771300		KIT, CABLE			
2650	425	1	847771318		KIT, CABLE			
2660	426	1	847771326		KIT, CABLE			
2670	427	1	847771334		KIT, CABLE			
2680	428	1	847771342		KIT, CABLE			
2690	429	1	847771359		KIT, CABLE			
2800	440	1	107811846	BMR4	PACK,CIRCUIT, 15 AMP DC POWER DOG BOARD CLEI = E5PQATFA			28
3000	500	1	107837494	AYC51	PACK,CIRCUIT, SPEECH PROCESSOR BOARD CLEI = E4PQALYA			23 31
3010	500	1	107859647	BYC51	PACK,CIRCUIT, TRILLIM SPEECH PROCESSOR FE CLEI=E4PQAL4A CLEI = E4PQAMKA			23 31
3200	520	1	107388068	AYC52	PACK,CIRCUIT CLEI = E4PQAKFA			23 31
3300	530	1	107388076	AYC53	PACK,CIRCUIT CLEI = E4PQAKGA			23 31
3310	531	1	107836470	AYC53	PACK,CIRCUIT, SPEECH PROCESSOR BOARD CLEI = E4PQALXA			23 31
3320	532	1	107972747	AYC53	PACK,CIRCUIT, ECHO CANCELER BOARD CLEI = E4PQAMJA			23 31
4000	540	1	407652171		PACK,CIRCUIT, SCT1 #99-0392-009 CLEI = E5PQAT4A DIALOGIC			24
4020	560	1	407652205		PACK,CIRCUIT, PRI #99-0583-003 DIALOGIC			24
4040	580	1	407652197		PACK,CIRCUIT, ANTERIES #99-2146-001 CLEI = E5PQAT8A DIALOGIC			24

***** STOCKLIST CONTINUED AT RIGHT *****

ED1S018-60

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4050	590	1	407652247		PACK,CIRCUIT, FAX #900918-01 CLEI = E5PQAT7A BROOKTROUT			26
4060	600	1	407655422		PACK,CIRCUIT, BRIDGE #251A023 CLEI = E5PQAT6A AMTELCO			27
4070	610	1	407652213		PACK,CIRCUIT, BRI #MP220AAA CLEI = E5PQAT5A MITEL			25
7000	AA	1	407463702		FILTER, AIR #020002245 DTI	CARTRIDGE		S
7010	AA	1	407463728		MODULE, FILTER #912000057 DTI	SCREW IN		S
8000	CA	1	472182286	L53	BAR CODE LABEL #KS22002L53 FACEPLATE CLEI = E5PQASGAAA			29
8020	CC	1	472237817	KS22002L53	BAR CODE LABEL, BOTTOM LEVER ASSEMBLY CLEI = E5ICMH0AAA			29
8030	CD	1	472239102	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = E5PQAT4AAA			30
8040	CE	1	472239144	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = E5PQAT8AAA			30
8050	CF	1	472239136	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = E5PQAT7AAA			30
8060	CG	1	472239128	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = E5PQAT6AAA			30
8070	CH	1	472239110	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = E5PQAT5AAA			30

***** END OF STOCKLIST *****

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BT13

ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED1S018-60

SHEET OF D3 23

PRINTED IN U.S.A.

BA

BASE HARDWARE COMPONENTS REQUIRED FOR AN ADVANTAGE TELECOM SERVER CABINET (ATSC) ARRANGED TO SUPPORT TELECOM SERVICE APPLICATIONS. MAXIMUM 5 TELECOM SERVERS PER CABINET. MAXIMUM 2 ATSC CABINETS.

COMPONENT	GROUP	QTY ATSC0	QTY ATSC1
CABINET	1	1	1
SAFETY MATERIAL	2	1	1
NON INITIALIZED JUNCTION MATERIAL	3	1	1
ADDRESS LABEL	5	1	1
EMC MATERIAL	6	1	1
INDICATOR KIT (EMC-FAN/FUSE)	7	1	1
INDICATOR KIT (EMC-BLANK)	8	1	1
KIT DOOR ASSEMBLY AI-NET	9	1	1
CABLE SUPPORTS ATSC0	10	1	-
MODULAR FUSE UNIT	100	1	1
FUSE LABEL ATSC0	101	1	-
FUSE LABEL ATSC1	102	-	1
ALARM CABLE ATSC0	103	1	-
ALARM CABLE ATSC1	104	-	1
FAS KIT MODULAR FUSE FILTER UNIT	105	1	1
ETHERNET HUB	200	2	-
FAS KIT ETHERNET HUB	201	2	-
CABLE KIT ETHERNET HUB	202	2	-

BB

HARDWARE COMPONENTS REQUIRED TO EQUIP AN ADVANTAGE TELECOM SERVER CABINET UP TO 5 TELECOM SERVERS

TELECOM SERVER EQUIPMENT EQL	GROUP	ATSC0 CABINET					ATSC1 CABINET				
		TS0	TS1	TS2	TS3	TS4	TS5	TS6	TS7	TS8	TS9
		11	20	29	38	47	11	20	29	38	47
DTI COMPUTER UNIT	400 OR 400A	1	1	1	1	1	1	1	1	1	1
CPU	401	1	1	1	1	1	1	1	1	1	1
2X 32MB DRAM = 64MB	402	1	1	1	1	1	1	1	1	1	1
100MB PCI ETHERNET CP	403	2	2	2	2	2	2	2	2	2	2
FAS-KIT	410	1	1	1	1	1	1	1	1	1	1
POWER DOG	440	1	1	1	1	1	1	1	1	1	1
CABLE KIT	420	1	-	-	-	-	-	-	-	-	-
CABLE KIT	421	-	1	-	-	-	-	-	-	-	-
CABLE KIT	422	-	-	1	-	-	-	-	-	-	-
CABLE KIT	423	-	-	-	1	-	-	-	-	-	-
CABLE KIT	424	-	-	-	-	1	-	-	-	-	-
CABLE KIT	425	-	-	-	-	-	1	-	-	-	-
CABLE KIT	426	-	-	-	-	-	-	1	-	-	-
CABLE KIT	427	-	-	-	-	-	-	-	1	-	-
CABLE KIT	428	-	-	-	-	-	-	-	-	1	-
CABLE KIT	429	-	-	-	-	-	-	-	-	-	1

BC

ADVANTAGE TELECOM SERVER-UNIT CONFIGURATION OPTIONS | CABLE BUS

*** CONTINUED ***

** CONTINUED **

BC

VALID ITSU CONFIG NO	ITSU PCI SLOT NUMBERS				ITSU ISA/EISA SLOT NUMBERS																SCSA PIN1 REM. G404	SCSA SPEC G408	SCSA STND G406	MVIP G405			
	3	2	1	0	14	13	12	11	10	9	8	7	6	5	4	3	2	1									
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====								
UNIVERSAL VOICE DIALING SERVICE (AVAILABLE FROM 11/15/96 RELEASE 7.1)																											
1			APT	APT				A51		A51								EC	T1	Y	N	N	N				
2			APT	APT				A51		A51		A51						EC	T1	Y	N	N	N				
3			APT	APT				A51		A51		A51		A51				EC	T1	Y	N	N	N				
4			APT	APT				A51		A51		A51		A51				EC	T1	Y	N	N	N				
5																											
6																											
7																											
RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																											
8																											
9																											
PROLINK SERVICE (AVAILABLE FROM 11/15/96 RELEASE 7.1)																											
10			APT	APT	BRG	FAX		VT1										BRI	A51		EC	VT1	N	Y	N	Y	
11																											
12																											
13																											
RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																											
14																											
15																											
16																											
17																											
18																											
RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																											
19																											
OASIS SERVICE (AVAILABLE FROM XX/XX/XX)																											
20																											
21																											
22																											
23																											
24																											
RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																											
25																											
26																											
27																											
28																											
29																											
DISTRIBUTED SS7 SERVICE (AVAILABLE FROM 6/30/97 RELEASE R8)																											
30			APT	APT																SS7	N	N	N	N			
31			APT	APT																SS7	SS7	N	N	N	N		
32			APT	APT																SS7	SS7	SS7	SS7	N	N	N	N
33																											

*** CONTINUED ***

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ADVANCED INTELLIGENT NETWORK
SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
CABINET

DWG SIZE C2 | ISSUE 8

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** CONTINUED **

BC	RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																			
34																				
35																				
36																				
37																				
38																				
39																				
	PRI SERVICE (AVAILABLE FROM 5/30/97 RELEASE R7.4)																			
	APT	APT	BRG	FAX	VT1	A51	EC	VT1	N	Y	N	Y								
40																				
41																				
42																				
43																				
44																				
45	RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																			
46																				
47																				
48																				
49																				
	SHORT MESSAGE SERVICE(AVAILABLE FROM 5/30/97 RELEASE R7.4)																			
	APT	APT														N	N	N	N	
50																				
51																				
52																				
53																				
54																				
55	RESERVED FOR FUTURE CONFIGURATION OFFER/OPTIONS																			
56																				
57																				
58																				
59																				

BD

ADVANTAGE TELECOM SERVER - CIRCUIT PACK DESIGNATION				BUS-CONN.	
CODE	FUNCTION	GROUP	COMMENTS	SCSA	MVIP
A51	ASR/VOICE, CONNECTED DIGIT	501	12 PORTS - BYC51	Y	-
	ASR/VOICE, SUBWORD				
	TONE GENERATION & COLLECTION				
APT	100MBIT(PCI)ETHERNET LAN	403	SUPPLIED BY ADAPTEC	-	-
BRG	SCSA AND MVIP BRIDGE	600	REQUIRED FOR BRI AND/OR FAX FUNCTIONS	Y	Y
BRI	BASIC RATE INTERFACE,S-BRI	610	8 PORTS	-	Y
DTS	DIALOGIC TEXT-TO-SPEECH	580	SOFTWARE PROGRAMMABLE PORTS - 24 PORTS	Y	-
EC	ECHO CANCELLOR	532	64 PORTS, ALWAYS REQ'D WHEN AYC51 IS DOING ASR(AYC53)	Y	-
FAX	FAX SERVICE	590	8 PORTS	-	Y
HSL	SS7 ON HIGH SPEED LINK ON PCI	620	SUPPLIED BY ADAX, DUAL LINKS	?	?
PRI	PRIMARY RATE INTERFACE, UC-PRI	560	23B(BRI) CHANNELS AND 1 DATA CHANNEL	Y	-
PRV	PRIMARY RATE INTERF. WITH VOICE	570	23B(BRI) CHANNELS AND 1 DATA CHANNEL WITH VOICE	Y	-
SS7	#7 SIGNALING SYSTEM-SS7	630	SUPPLIED BY ADAX, DUAL LINKS	?	?
T1	T1 INTERFACE, FIVE DS1 LINKS	520	120 CHANNELS, EACH DS1(1.5DD MB/SEC) LINK SUPPORTS 24 DS0 CHANNELS-AYC52	Y	-
VT1	VOICE AND T1 INTERFACE COMBINED	540	24 VOICE AND 24 T1 PORTS	Y	-
XT!	X.25 PROTOCOL OVER T1(EISA)	640	SUPPLIED BY ADAX, DUAL LINKS	?	?

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RS

LIST OF RECOMMENDED SPARES (SEE NOTE 70 & 74)

UNIT	ITEM	GROUP	COMCODE	SCN QTY	REMARKS
TELECOM SERVER	CPU CKT PACK, 150MHZ	401	407538214	*	
	SIMM MODULE, 32MB	402	407668482	1	
	ETHERNET CKT PACK, 100MB	403	407615319	1	
	SIMM MODULE, 64MB	407	407604222	1	
	2GB IDE DISK DRIVE	**	**	*	
	2.5GB IDE DISK DRIVE	**	**	*	
	3.5" FLOPPY DISK DRIVE	**	**	*	
	FAN MAIN FRONT	**	**	*	
	POWER MODULE	**	**	*	
	FAN POWER SUPPLY	**	**	*	
	ATTUNE-BRD BYC51	501	107859647	1	
	ATTUNE-BRD AYC52	520	107388068	1	
	ATTUNE-BRD AYC53	532	107972747	1	
	VOICE & T1 INTERF. CKT PACK	540	407652171	1	
	PRIM. RATE INTF. UC-PRI	560	NRTO	1	
	PRIM. RATE INTF. WITH VOICE	570	NRTO	1	
	DIALOGIC TEXT-TO-SPEECH	580	407652197	1	
	FAX SERVICE	590	407652247	1	
	SCSA/MVIP BRIDGE CKT PACK	600	407655422	1	
	BASIC RATE INTF. S-BRI	610	407652213	1	
	SS7 HIGH SPEED LINK ON PCI	620	NRTO	1	
	#7 SIGNALING SYSTEM-SS7	630	NRTO	1	
	X.25 PROTOCOL OVER T1	640	NRTO	1	

NOTE : LISTS 500 AND UP REQUIRES ONLY SPARING IF FEATURE IS EQUIPPED.

* THIS ITEM IS PART OF THE COMMON SPARES LISTED IN ED1S015-60 TABLE 'RS'.
IT IS NOT NECESSARY TO STOCK SEPERATE SPARES FOR EACH CABINET.

** PART OF TELECOM SERVER UNIT LIST 400 OR 400A.

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SPECIFICATION FOR
ADVANTAGE TELECOM SERVER
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