

### 3. SPECIFICATION

#### 3.1 5 Channel Channelised Cell Enhancer 50-060601 Parts Lists

AFL Part Nō.	Description	Qty.
50-060602	D/L CCE 80dB 10W Q108330	1
50-060603	U/L CCE 80dB 10W Q108330	1
50-060604	PSU Q108330	1

Modules described in the text are shown as highlighted in the parts list in the quantity column. All fuses used in this equipment must be replaced with identical types as proscribed in the description column of the particular unit's parts list.

##### 3.1.1 Downlink Channelised CE 50-060602 Parts List

02-010701	5P 380MHz(V.B/W)X CPLING SMA POSTS	2
05-002603	UHF 3dB SPLITTER SMA	2
05-003803	3 WAY SPLITTER, UHF, ZINGER	4
10-000701	1/4W0-30dB SWITCHED ATTENUATOR	1
11-007302	LNA. 380-500MHz 20dB (C/W RELAY) GA	2
11-007402	LNA. 380-500MHz 30dB (C/W RELAY) GA	1
12-001901	PWR AMP.450MHz 20W GEN.ASSY	1
12-002201	3 STAGE AMPLIFIER ALARM BOARD	2
12-002220	3 STAGE ALARM PCB COVER	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
17-003012	CHAN MOD 450MHz, 15kHz (8p) BW	5
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
20-001602	24V RELAY BOARD	1
80-024420	5U CHASSIS FRONT PANEL	1
80-024421	5U CHASSIS 400mm DEEP	1
80-043320	HEATSINK	1
91-020004	N JACK PANEL UT-141	3
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-620006	'D' 25 WAY CONNECTOR SHELL	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	4
92-340001	M3 x 8mm 'D'CONNECTOR SCREW LOCK	0
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-110013	T 3.15 A ANTI SURGE FUSE 20mm	1
96-500005	DC INPUT FILTERS	1
96-600002	INSULATING BOOT SMALL	1
96-600003	INSULATING BOOT D.C.	1
97-400006	5U HANDLE [ALLOY]	2

### 3.1.2 Uplink Channelised CE 50-060603 Parts List

AFL Part Nō.	Description	Qty.
02-010701	5P 380MHz(V.B/W)X CPLING SMA POSTS	2
05-002603	UHF 3dB SPLITTER SMA	2
05-003803	3 WAY SPLITTER, UHF, ZINGER	4
10-000701	1/4W0-30dB SWITCHED ATTENUATOR	1
11-007302	LNA. 380-500MHz 20dB (C/W RELAY) GA	2
11-007402	LNA. 380-500MHz 30dB (C/W RELAY) GA	1
12-001901	PWR AMP.450MHz 20W GEN.ASSY	1
12-002201	3 STAGE AMPLIFIER ALARM BOARD	2
12-002220	3 STAGE ALARM PCB COVER	2
13-001803	DUAL DC/DC CONVERTER 24V-12V 1A	1
17-003012	CHAN MOD 450MHz, 15kHz (8p) BW	5
19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
20-001602	24V RELAY BOARD	1
21-001701	DC TAP PT FREEPORT	1
80-024420	5U CHASSIS FRONT PANEL	1
80-024421	5U CHASSIS 400mm DEEP	1
80-043320	HEATSINK	1
91-020004	N JACK PANEL UT-141	3
91-500001	POWER PLG 3 PIN PNL.MOUNT NC-X	2
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
91-620001	'D' 25 WAY SOCKET S/B TERM	2
91-620006	'D' 25 WAY CONNECTOR SHELL	2
91-700017	ICD 15 WAY 0.1' CONNECTOR	4
92-340001	M3 x 8mm 'D'CONNECTOR SCREW LOCK	0
96-110001	FUSE HOLDER 20 x 5mm6.3A	1
96-110013	T 3.15 A ANTI SURGE FUSE 20mm	1
96-500005	DC INPUT FILTERS	1
96-600002	INSULATING BOOT SMALL	1
96-600003	INSULATING BOOT D.C.	1
97-400006	5U HANDLE [ALLOY]	2

### 3.1.3 Power Supply Shelf 50-060604 Parts List

19-000826	2U,3U,4U 19" UNIT 400 DEEP LID	1
19-001021	4U 19" UNIT 400 DEEP CHASSIS + BKT	1
19-001024	4U 19" UNIT FRONT PANEL FAB	1
20-001602	24V RELAY BOARD	1
80-064120	HEATSINK 4U FLATPAC 16A 10W	1
91-500025	3 PIN RIGHT ANGLE FREE PLUG NC-X	1
91-510003	3 PIN R.ANGLE FREE SOC.NC-X.	1
91-510004	3 PIN PNL.MOUNT SOCKET NC-X	3
91-520001	PWR MAINS INL FIXED/SOLD.TERMS	3
91-520004	POWER MAINS INL.FREE R/ANGLE	3
91-600001	'D'TYPE 9 WAY PLUG S/B TERM	1
92-340001	M3 x 8mm 'D'CONNECTOR SCREW LOCK	0
93-560001	VARISTOR V275LA20A	1
96-300054	24V 17A PSU 400W (XP BCC)	1
96-300056	48V 6A PSU DIN RAIL (TRACO)	1
96-700034	LED RED 5mm IP67 INTEGRAL RES. 24V	1
96-700035	LED GREEN 5mm IP67 INTEGRAL RES 24V	2
96-900018	AC TRIP SWITCH (5 AMP M.C.B.)	2
97-400002	HANDLE TYPE H6803 4U.[ALLOY]	2