

BDA VHF DOWNLINK OUTPUT COMBINER

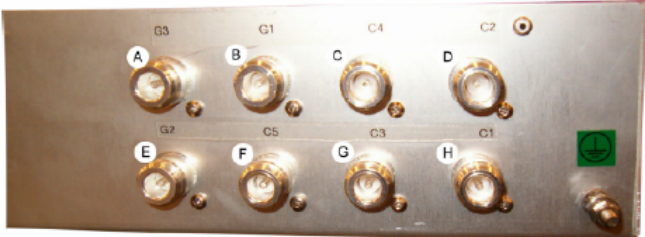


BDA VHF UPLINK INPUT SPLITTER

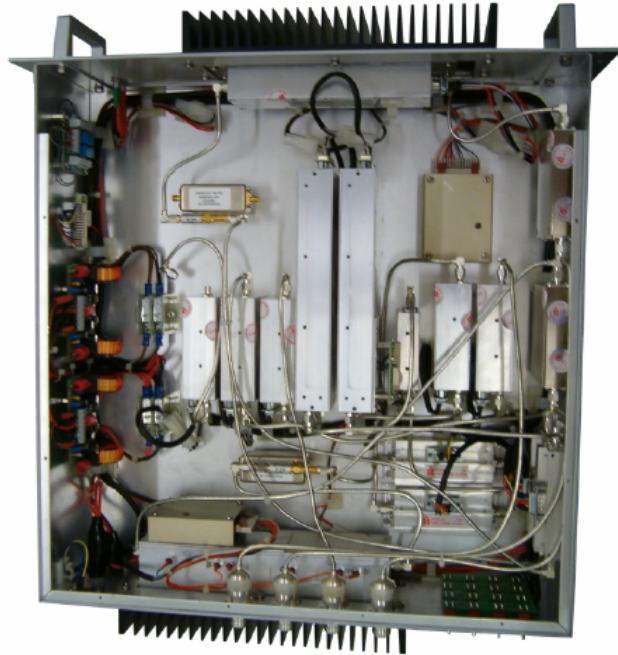
Top View – lid removed



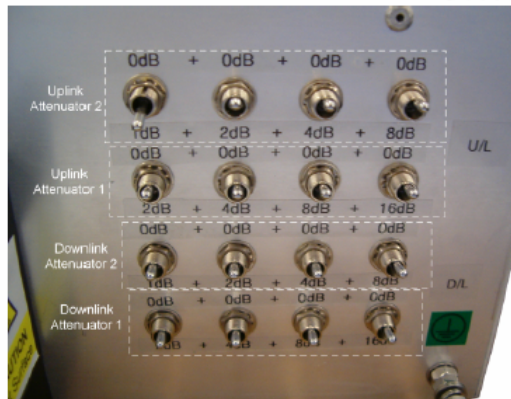
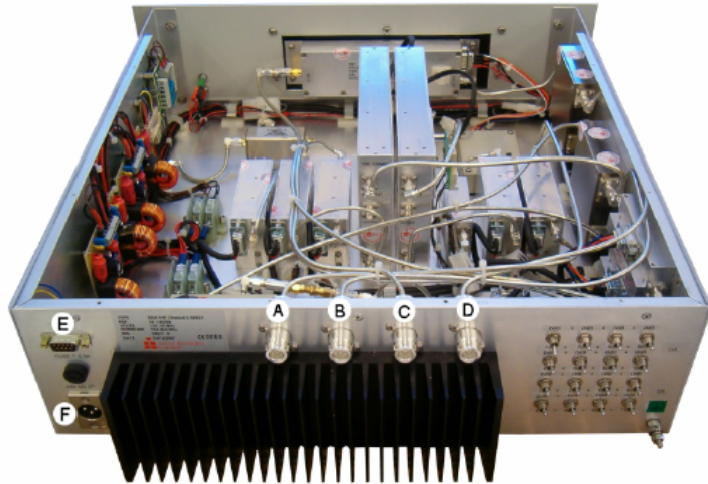
Close-up of connectors



Top View – lid removed



A	Downlink Input
B	Downlink Output
C	Uplink Input
D	Uplink Output
E	Alarm Output
F	DC Input (24V)



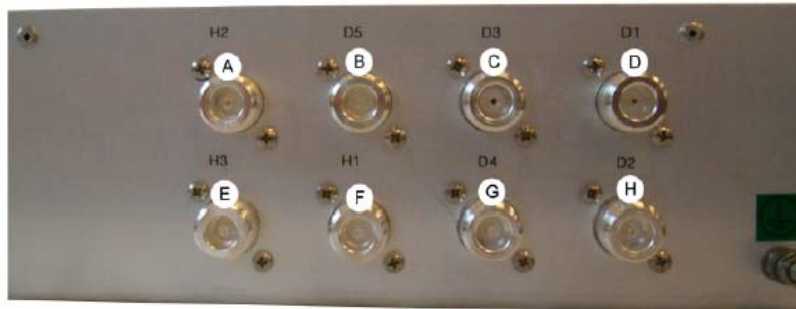
Close-up of attenuator switches

BDA VHF UPLINK OUTPUT COMBINER

Top View – lid removed



Close-up of connectors



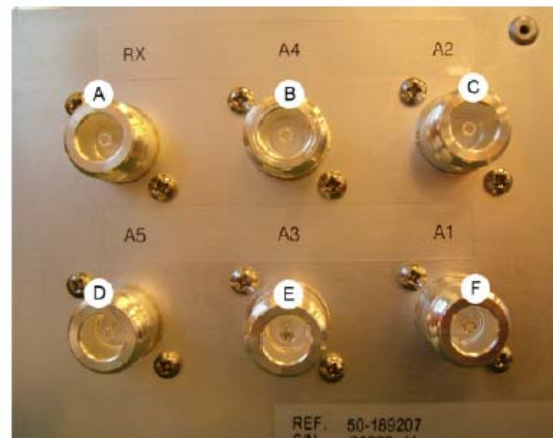
BDA VHF DOWNLINK INPUT SPLITTER

Top View – lid removed



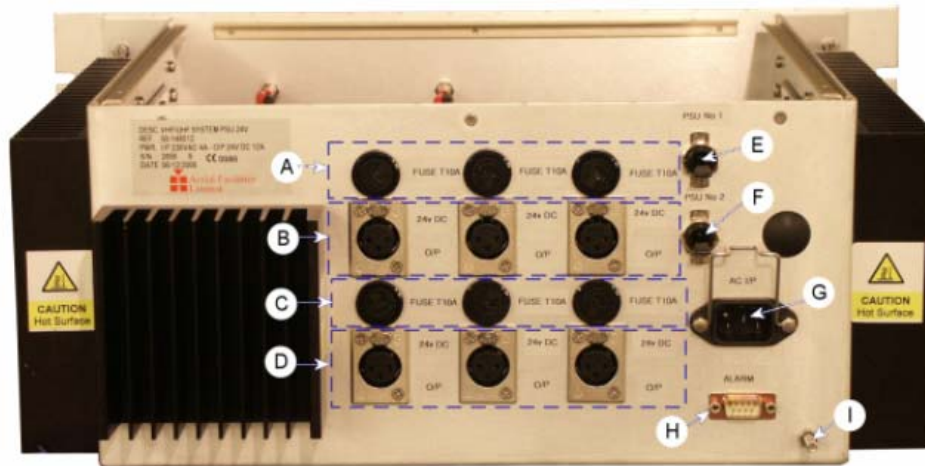
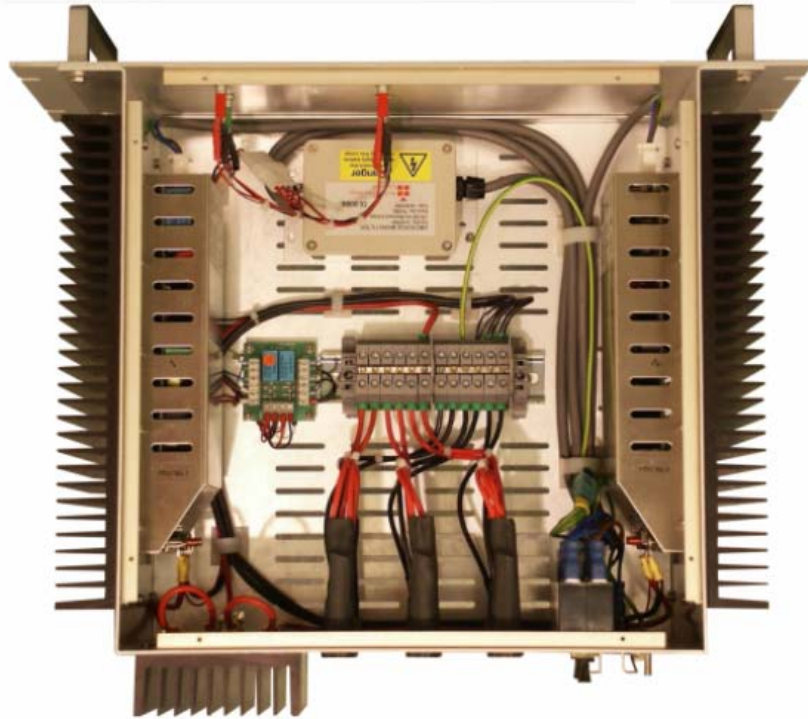
Close-up of connectors

A	Input from RX Antenna
B	Port A4 U/L Channel 4 output
C	Port A2 U/L Channel 2 output
D	Port A5 U/L Channel 5 output
E	Port A3 U/L Channel 3 output
F	Port A1 U/L Channel 1 output



24V PSU SHELF

Top View – lid removed



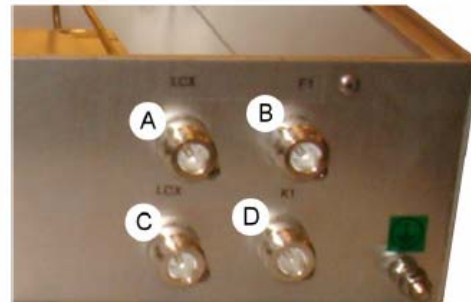
HYBRID SPLITTER/COMBINER TRAY

Top view – lid removed



Close-up of connectors

A	LCX 1 Connection
B	Port F1 Combined D/L Input from Cavity Combiner Rack 2
C	LCX 2 Connection
D	Port K1 Combined U/L Output to First stage Cavity Combiner Rack 3



BDA VHF SYSTEM 2 RACK

Rack Interconnections (see below)

A	Three cavity filter section for combined D/L channels 1 & 2
B	Two cavity filter section for D/L channel 4
C	Two cavity filter section for combined D/L channels 3 & 5
D	Hybrid Splitter/Combiner Tray (50-189211)



Rack interconnections are on the top of the rack rack

E1	D/L Channel 4 from Rack 1
E2	Combined D/L Channel 1 & 2 from Rack 1
E3	Combined D/L Channel 3 & 5 from Rack 1
K1	Combined U/L feed to Rack 3
LCX	Connection to LCX
LCX	Connection to LCX

BDA VHF SYSTEM RACK 3

Rack Interconnections (see below)

A	First stage Cavity Combiner
B	Second stage Cavity Combiner
C	Bandpass Notch Filter



Rack interconnections are on the top of the rack rack

Ant	Connection to TX Antenna
K1	Combined U/L feed from rack 2
G1	Combined U/L Channel 3 & 4 to Rack 1
G2	U/L Channel 2 to Rack 1
G3	Combined U/L Channel 1 & 5 to Rack 1
H1	Combined U/L Channel 3 & 4 from Rack 1
H2	U/L Channel 2 from Rack 1
H3	Combined U/L Channel 1 & 5 from Rack 1