

## Eyecom Product Specification

### Tetra BDA Model CR800-49F-40



### Electrical Specifications

Parameter	Receiver part	Transmitter part
Center frequency (MHz)	806-821	851-866
Pass Band Ripple (dB)	≤ +/-1.5:1	≤ +/-1.5:1
Output power (dBm)	-3	4x34
Gain (dB)	50	50
Carrier Numbers	4	4
**In band IMP @ 2x37 dBm		≤ - 36 dBm
Outband Spurious (9KHz-1GHz)	≤ - 36 dBm	≤ - 36 dBm
Gain Adjustment (dB)	20/in 1 dB step	20/in 1 dB Step
AGC Range (dB)	+/- 20	+/- 20
Dynamic Range	12 dB	
Noise Figure (dB) at max. Gain	≤ 3.5	
VSWR	≤ 1.5:1	≤ 1.5:1
Impedance	50 ohm	50 ohm
Bulk Delay	<1 micor-second	
Power Consumption	<280 watts/220 VAC	
Monitoring Port	-30 dBc, SMA	
Alarm Detection	DL I/O power, All amplifiers,Temp Door alarm, O/E modules, PSU	
Alarm Output	Local LED display, Local RS232 alarm Output port.	
Power Supply	220 VAC	
Housing	IP66/Black	
Weight	56 Kg	
Dimension	600x900x350 (mm)	

\*Unit has built in redundant units of: DL HPA, DL LNA, UL LANs, PSU which are in hot-standby configuration.

\*\* Unit is Certified to ETSI 10 watt Tetra Repeater Standard (ETSI 101789)