

## Eyecom Product Specification

### Tetra BDA Model CR800-46F-40



### Electrical Specifications

Parameter	Receiver part	Transmitter part
Center frequency (MHz)	806-821	851-866
Pass Band Ripple (dB)	$\leq \pm 1.5:1$	$\leq \pm 1.5:1$
Output power (dBm)	-3	4x31
Gain (dB)	50	50
Carrier Numbers	4	4
**In band IMP @ 2x34 dBm		$\leq -36$ dBm
Outband Spurious (9KHz-1GHz)	$\leq -36$ dBm	$\leq -36$ dBm
Gain Adjustment (dB)	20/in 1 dB step	20/in 1 dB Step
AGC Range (dB)	$\pm 20$	$\pm 20$
Dynamic Range	60 dB	
Noise Figure (dB) at max. Gain	$\leq 5$	
VSWR	$\leq 1.5:1$	$\leq 1.5:1$
Impedance	50ohm	50 ohm
Bulk Delay	<1 micor-second	
Power Consumption	<200 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	48 Kg	
Dimension	600x600x350 (mm)	

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

\*\* Unit is Certified to ETSI 5 watt Tetra Repeater Standard (ETSI 101789)