

Eyecom Product Specification

Tetra BDA Model CR800-46F-40TRAB



Electrical Specifications

Parameter	Receiver part	Transmitter part
Center frequency (MHz)	806-821	851-866
Pass Band Ripple (dB)	<+/- 1.5	< +/- 1.5
Output power (dBm)	-3	37
Gain (dB)	10-30	10-30
Max Carrier Numbers	28	28
**In band IMP @ 2x34 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	60 dB	
Noise Figure (dB) at max. Gain	≤3.5	
VSWR	≤1.5:1	≤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, PSU	
Alarm Output	Local LED, Local RS232 alarm Output port, remote monitoring via SMS or VPN	
Power Supply	220 VAC	
Housing	IP65	
Weight	48 Kg	
Dimension	600x450x295 (mm)	

*Unit has built in redundant PSU unit

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