

Eyecom Product Specification

Tetra BDA CR400-30A-80TRA Series



Electrical Specifications

Parameter	Receiver part	Transmitter part
Center frequency (MHz)	410-420*	420-430*
Operational Bandwidth	5 MHz	5 MHz
Output power (dBm)	30-40**	30-40**
Gain (dB)	20-80**	20-80**
Max Carrier Numbers	2-8	2-8
IM Distortion (dBc)	-60	-60
Spurious (dBm) 9KHz-1GHz	< -36	< -36
Gain Adjustment (dB)	30/1 dB step	30/1 dB Step
AGC Range (dB)	+/- 30	+/- 30
IP3 (dB)	>57	>57
Noise Figure (dB) at max. Gain	≤5	≤5
VSWR	≤1.5:1	≤1.5:1
Impedance	50 ohm	50 ohm
Bulk Delay	<1 micro-second	
Group Delay	<25 nano-second	
Power supply	220VAC	
Alarm Detection	DL PA, UL LNA, PSU, TEMP	
Alarm Output	Local LED display, Local RS232 alarm Output port. optional SMS modem for remote monitoring	
Power Supply	220 VAC	
Housing	IP65	
Weight	38 Kg	
Dimension	520x340x255 (mm)	

* Please specify frequency and power when ordering, min 3 MHz guard band is required

** Please specify gain range of 20-50 dB or 50-80 dB when ordering