

CR150 CR150 VHF Band Channelized BDA

VHF band simplex radio BDA features:

- Supports VHF band simplex radio operation
- Ultra high selectivity channelized SAW filter equipped in each channel, best system performance
- Automatic gain control (AGC) in UL and DL
- NMS for field adjustment of gain through computer, optional remote control and monitoring via GSM SMS



Part No.	CR150-150-SCBP-B	
Frequency Range *	Receive Part(UL)	Transmit Part(DL)
	149.75MHz	149.75MHz
	160.40MHz	160.40MHz
	161.150MHz	161.150MHz
	161.425MHz	161.425MHz
Channel Bandwidth	80KHz	80KHz
Minimum Channel Spacing	250KHz	250KHz
Test Port	-30dBc	-30dBc
Number of Channels	4	4
RF Output Power	15dBm	15dBm
Max. RF Input Power	-20dBm	-20dBm
Gain	50±3dB	50±3dB
Gain Adjustment Range	20dB in 1dB Step	20dB in 1dB Step
AGC Range	20dB	20dB
Pass Band Ripple	≤±1.5dB	≤±1.5dB
In-band IMD(comply with FCC)	≤-13dBm	≤-13dBm
Noise Figure@ Max Gain	---	≤5dB
VSWR	≤1.4:1	≤1.4:1
Spurious	≤-36dBm@9KHz~1GHz	
	≤-30dBm@1GHz~12.75GHz	
Connector	RF:N-F	
Impedance	50Ω	
Local Alarm Indications	1.LED Display	
	2.Laptop via local RS232 port	
	3. 4 x alarm output dry contacts for ALM(summarized); PWR; LNA; PA	
Remote Control (Optional)	Downlink gain and uplink gain via GSM SMS modem	

Power Supply	110V AC or 220V AC(±15%;50~60Hz)	
Power Consumption	110watts	
Redundancy	Dual PSU in hot standby mode	
Operating Temperature Range	-20~55°C	
Cooling	convection	convection
Casing	19 inch rack	19 inch rack
Dimension (19 inch rack case)	8U: 393×483×356mm	8U: 393×483×356mm
Weight	46kg	46kg

Eyecom's policy of continual improvement requires us to reserve the right to change the specifications without notice

* Please specify frequency range when ordering