



**ELISRA
GROUP**

ELECTRICAL SPECIFICATIONS:

Frequency Range (MHz)	SEE TABLE
Passband Gain @Min attenuation	80 dB nominal
Passband Ripple	± 1.5 dB typical
Manual Attenuation Range	0 to 30 dB in 2 dB step
Noise Figure	6.0 dB max
Impedance level	50 ohms
V.S.W.R In/Out	1.5 : 1 max
AGC Selection	By ON/OFF Switch
AGC Attenuation Range	25 dB typical
AGC LED Indication	LED turn ON when power reaches AGC Set Power Level. (both at On and Off positions).
AGC Factory Power Preset	+24 dBm nom.
Amplifier Power Output @1 dB Compression	1 Watts
3rd Order output Intercept point	+45 dBm typical
Power Supply	110/220V AC, 50-60 Hz /1A

System Frequency Range

SYSTEM TYPE	MODEL No	DOWN-LINK	UP-LINK
E-SMR (iDEN)	MW-CBDA-ESMR-1W80A	851-866	806-821
SMR 800-Public Safety	MW-CBDA-SMR-1W80A-PS8	851-869	806-824
SMR - 900 MHz	MW-CBDA-SMR-1W80A-PS9	935-941	892-902
GSM	MW-CBDA-GSM-1W80A	935-960	890-915
TDMA Band B	MW-CBDA-CELLB-1W80A	880-894	835-849
CDMA/TDMA/N-AMPS	MW-CBDA-AB-1W80A	870-894	825-849