



Highlights

- Support for multiple frequency bands
- Modular design which protects circuit components, reduces interference, and guarantees the stable operation of your equipment
- High-linearity design, low power consumption and noise, less interference to BTS
- Built-in ALC & AGC circuit which enables repeater control the gain value automatically and maintain stable output power, avoiding self-oscillation
- Manual gain control (MGC) available for both uplink and downlink to adjust the gain value for proper coverage during installation
- LEDs for local alarm indicators
- Coverage area up to 1500 square meters (16000 square feet)
- Light weight and compact for easy installation
- Lifetime warranty

Models	License Band Frequency
GS800-20	SMR800 UL:806-824MHz / DL:851-869MHz
G800-20	GSM850/CDMA800 UL:824-849MHz / DL:869-894MHz
G900-20	GSM900 UL:890-915MHz / DL:935-960MHz
G1800-20	DCS1800 UL:1710-1785MHz / DL:1805-1880MHz
G1900-20	PCS1900 UL:1850-1910MHz / DL:1930-1990MHz
G1700-20	AWS1700 UL:1710-1755MHz / DL:2110-2155MHz
G2100-20	WCDMA2100 UL:1920-1980MHz / DL:2110-2170MHz

ELECTRICAL SPECIFICATIONS

Output Power	UL:15dBm DL:20dBm
Gain	UL:70dB DL:70dB
Input Power Range	≤-10dBm
AGC Range	≥20dB
MGC	Three levels: 5dB, 10dB, 15dB
Inband Ripple	≤8dB
Time Delay	≤1.5μs
Noise Figure	≤6dB
Intermodulation	≤-36dBm
Spurious Emission	≤-36dBm @ 9KHz-1GHz (RWB=30KHz) ≤-30dBm @ 1GHz-12.75GHz (RWB=1MHz)
VSWR	≤2.0
Impedance	50Ω
Power	AC: 90V-240V DC:5V/2A
Power Consumption	≤6W
Alarm Indicators	Green (ATT sets 0); Orange (ATT sets 5-10dB); Red (ATT sets 15-20dB)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-10°C to +50°C 14°F to +122°F
Operating Humidity	≤90%
Application	Indoor IP40

MECHANICAL SPECIFICATIONS

Color	Golden, White, Gray, Blue (Color is optional and customized)
Installation	Wall Mounting or Desktop Laying
Connectors	N-Female
Weight	1.5Kg 3.3lb
Dimensions	225*145*22mm 8.5*5.7*0.86in