

ATSC(북미) 방식의 지상파 DTV 재생중계기는 송신소로부터의 방송신호 시청 범위를 확장하고, 수신환경 개선을 위한 중계기 장비이다

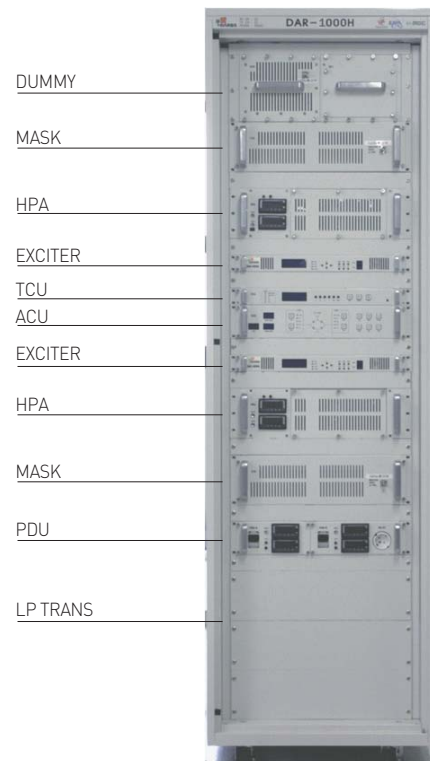
- ❖ Adaptive Pre-Corrector - 전치 선형 및 비선형 왜곡 보상
- ❖ 송신 품질 측정 기능 - SNR, EVM, IMD 등
- ❖ 무선 원격제어 기능 지원 - CDMA
- ❖ Demodulator 기능이 탑재된 일체형 Exciter 장착

### Performance

- SNR :  $\geq 30\text{dB}$
- Frequency Response :  $< \pm 0.5\text{dB}$
- Group Delay :  $< \pm 25\text{ns}$
- Amplitude Error :  $< 1\text{dB}$
- Phase Error :  $< \pm 5\text{deg}$
- Peak to Average :  $6.4\text{dB}@0.1\%$
- Carrier Stability :  $< \pm 0.5\text{ppm}$
- Frequency Tolerance :  $< \pm 1.0\text{ppm}@\text{Selected Channel}$
- Phase Noise :  $-107\text{dBc}/\text{Hz}@20\text{kHz offset}$
- Sideband Performance : FCC Mask Compatible

### General

- RF Input Level :  $> -80\text{Bm}$
- RF Output Level :  $100\text{W}$
- Dimensions : 19" Standard Rack Type(2m)
- Permissible relative air humidity : 85%
- Temperature :  $-10 \sim +45^\circ\text{C}$ (Operating)
- Power Supply Voltage :  $100 \sim 220\text{ AC}$



민방 1매체용 Passive Reserve Type

### DAR-1000H Standard Configuration

