

LTE Band Selective Repeater

2600 MHz

PRODUCT FEATURES

- 10 W total output power
- Operating bandwidth can be adjusted via OMT software.
- Multi sub-bands (up to 4)
- Digital filtering for multi sub-band frequency selection up to 60 MHz in total
- Integrated wireless modem for remote configuration, monitoring and control
- Internal backup battery keeps the alarm unit running for up to two hours after power failure
- Optional OMC is available for remote operation and maintenance of a group of repeaters
- Designed for all weather outdoor installation – waterproof, damp-proof and Omni-sealed (IP65)



TECHNICAL SPECIFICATIONS	RP26-B543-CA00
ELECTRICAL	
FREQUENCY RANGE, UPLINK	2500 – 2570
FREQUENCY RANGE, DOWNLINK	2620 – 2690
OPERATING BANDWIDTH	1.4/3/5/10/15/20 MHz
SUB-BANDS (MAXIMUM)	4
INSTANTANEOUS BANDWIDTH	60 MHz
TOTAL OUTPUT POWER, UPLINK	23 dBm
TOTAL OUTPUT POWER, DOWNLINK	40 dBm
MAXIMUM SYSTEM GAIN	85 dB
GAIN ADJUSTMENT RANGE	0 - 30 dB
PASS BAND RIPPLE	≤ 4 dB
SYSTEM NOISE FIGURE @ MAX. SYSTEM GAIN	≤ 5 dB
OUT-OF-BAND GAIN	
ACRR	
EVM	Compliance with 3GPP TS 36.106
UNWANTED EMISSIONS	
INPUT INTERMODULATION	
OUTPUT INTERMODULATION	
SYSTEM GROUP DELAY	≤ 7 μsec
ABSOLUTE MAXIMUM RF INPUT POWER	10 dBm
INPUT VSWR	≤ 1.5
IMPEDANCE	50 Ohm

POWER, MECHANICAL & ENVIRONMENTAL	
DIMENSIONS, (H x W x D)	330 x 420 x 182 mm
WEIGHT (APPROX.)	25 kg
POWER SUPPLY	100 – 240 / 47 – 63 Hz
POWER CONSUMPTION	180 W
RF CONNECTORS	N-Female
OPERATING TEMPERATURE	-33 to +55°C
OPERATING HUMIDITY	≤ 95%
ENVIRONMENTAL CLASS	IP65