

tic-tech NKDB-1800 is an effective low cost Booster with Auto Gain Control function for the DCS1800MHz application.

Enhancement of RF signal into weak and poorly covered in-building areas is now made easier with this simple to install Booster with minimal maintenance and yielding maximal performance.

Aesthetically designed, this slim and compact Booster fits well into any awkward or tight in-door corner to render optimal RF coverage to the locations where it is needed most.



Parameter	Value
Model	NKDB-1800
Frequency Range	1710-1880MHz
Uplink Frequency	1710-1757MHz
Downlink Frequency	1805-1852MHz
Bandwidth	47MHz
Gain Range	>55dB
Auto Gain Control	up/down 10dB
Output Power	>5dBm (at -50dBm input)
1dB Compression Point	≥ 18dBm
Spurious Emission (at 0dBm p/out @1 CH)	≤ -36dBm (9KHz ~ 1GHz)
	≤ -30dBm (1GHz ~ 12.75GHz)
Intermodulation	≤ -36dBm (9KHz ~ 1GHz)
	≤ -30dBm (1GHz ~ 12.75GHz)
Return Loss	≥ 14dB
Gain Flatness (for Passband)	± 2.5dB
Impedance	50 ohm
Noise Figure	≤ 6dB
I/O Port connector	N Female
Power Supply	AC 110V / 220V. 60Hz / DC9V 1.5A
Dimension	141mm x 130mm x 30mm
Weight	Approx. 0.8KG