

## Repeater

### Repeater signal mobile DCS 1318

For modern, mobile phone, is one of important communication tools, but its signal is very weak even disappear completely in some cities and countries due to the complex landform especially the elevators, basements and underground channels.

Sanllon series mini mobile-phone signal amplifier is very effective to improve the mobile-phone receiving signal and eliminate communication dead corners and blind zones in the areas where the signal is weak, for instance hotel, underground parking lots, nightclubs. In order to meet different needs we apply several types including 500m-3000m2 and more than 10000m2 for you.

The amplifier operational principle:

Here amplifiers and antennas are bi-directional running. Open antennas send the signals to amplifiers from base stations, and then indoor aerials transmit the signals magnified by the amplifier. Similarly, indoor aerials can send indoor signal to amplifiers, and then the signal can be sent to base stations after being magnified by the amplifier. The amplifier innards is as follows.

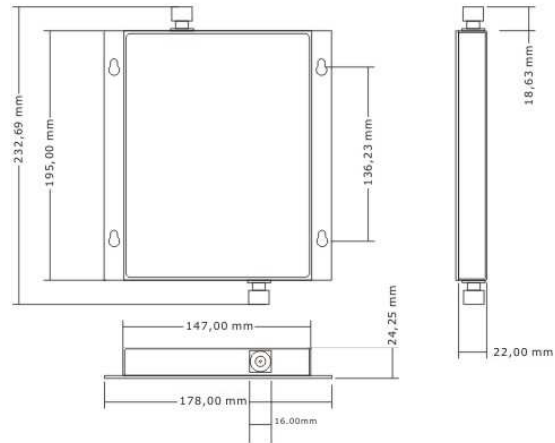
Indoor wideband repeater receives and amplifies BTS signals by server antennas, and rationally distributes and amplified signals to each indoor place through the Distributed Antenna System(DAS). The equipment with high-performance band selector or filter and linear power amplifier can effectively amplify the needed BTS signals, filter other unwanted ones, and improve the quality of network communication.

Model: 1318 (1800 Mhz)		
Modulo		1800MHz
Frequency Range	Uplink (MHz)	1710-1785
	Downlink (Mhz)	1805-1880
Bandwidth		6 Mhz - 25 Mhz
Max Output Power	Uplink	+17dBm Total power (ALC Level)
	Downlink	+17dBm Total power
Gain	Uplink	60dB
	Downlink	55 dB
Return Loses		<-18 dB
Noise Value		< 3 dB
V.S.W.R.		<1.4 dB
Delay		1 μs
Impedance		50Ω
Working Voltage		DC 12V. (Included)
RF Connector		N-Female
Size		(H x W x D) : 235 x 175 x 25 mm
Size of packing		(H x W x D): 405 x 193 x 63 mm
All-up weight		1.905 Kg
Compact Design		Indoor Use
Temperature		-40°C+55°C

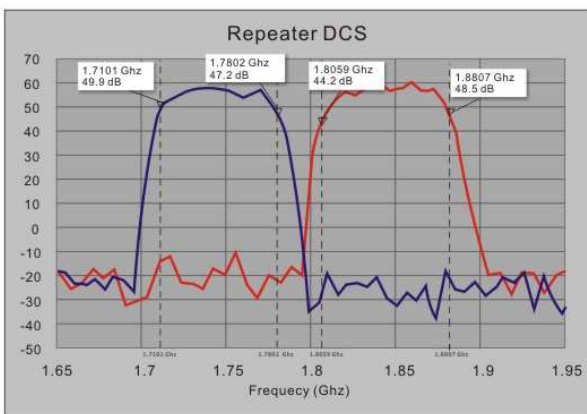


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DCS 1800Mhz



## Size of packing



- Content Pack:
- 1 Power supplies
  - 4 Connectors
  - 1 Repeater
  - 1 Manual user



405 x 193 x 63 mm

