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○ COMBINER

○ COUPLER

○ ANTENNA

○ RF CABLE & CONNECTORS

# Data sheet

## Pico DAS - The Only Option for 100% Coverage

*Built-in Service  
Antenna*

*Stylish Design*

*Auto Setup*

*Auto Gain Control*



*Auto Uplink Shutdown when no user is detected to  
ensure no interference to the macro network*

*Smart Digital and Analog ALC are applied to provide  
Dynamic Gain separately for uplink & downlink, this is  
intelligently adjusted on the fly to ensure no uplink  
noise interference to the BTS and auto balance the  
uplink / downlink gain*

*Auto Self Diagnostics Auto Setup; no T & C required*

Specifications	Model PD 30	Model PD 20	Model DP10
	Triband	Dual Band	Single Band
Optional Frequency MHz	GSM890-960 / DCS1710-1880 / WCDMA1920-2170 / CDMA825-880MHz / CDMA1710-1990		
Power dBm	17 dBm		
Gain dB	≤ 40	≤ 40	≤ 40
IM3 dBc	≤ -30	≤ -30	≤ -30
Noise dB	≤ 10	≤ 6	≤ 6
ALC dB	20	30	30
VSWR	≤ 3	≤ 2.0	≤ 2.0
Power Supply	220V ac	220V ac	220V ac
Connector	SMA	SMA	SMA

**PicoDAS** works as a bridge between the BTS and mobiles. It picks up the strongest signal from BTS via the Donor Antenna, linearly amplifies the signal and then retransmits it via the Distribution Antenna System to the weak/blind coverage .

**PicoDAS** marries the benefits of the repeater and pico-cell solutions. If signal coverage is required then the DAS can be connected to the indoor port of our **PicoDAS**.

**PicoDAS** provides an affordable solution to solve the indoor signal coverage problems due to signal fading and attenuation caused by architecture obstacles. And its easy installation and maintenance can help normal users setup without the need of an expensive site engineer.

