

# PreAmp<sub>5 band</sub>



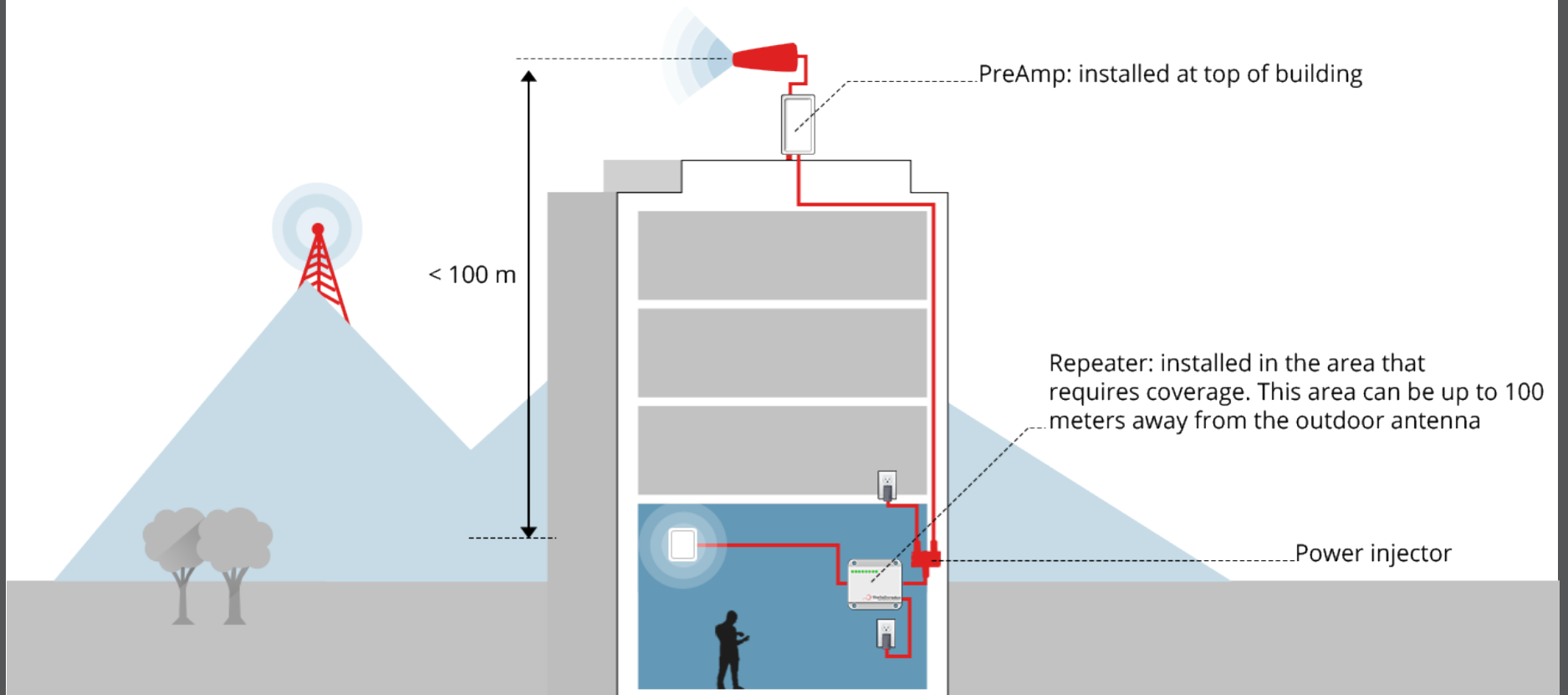
BOOSTING MOBILE SIGNAL ACROSS LONG CABLE RUNS

800/900/1800/2100/2600Mhz

Do not use Stella Doradus products with non stella doradus equipment.

Stelladoradus products operate silently on the operators network. By using our equipment with competitors equipment you break this control system and could potentially harm the operators network. Doing so will void warranty.

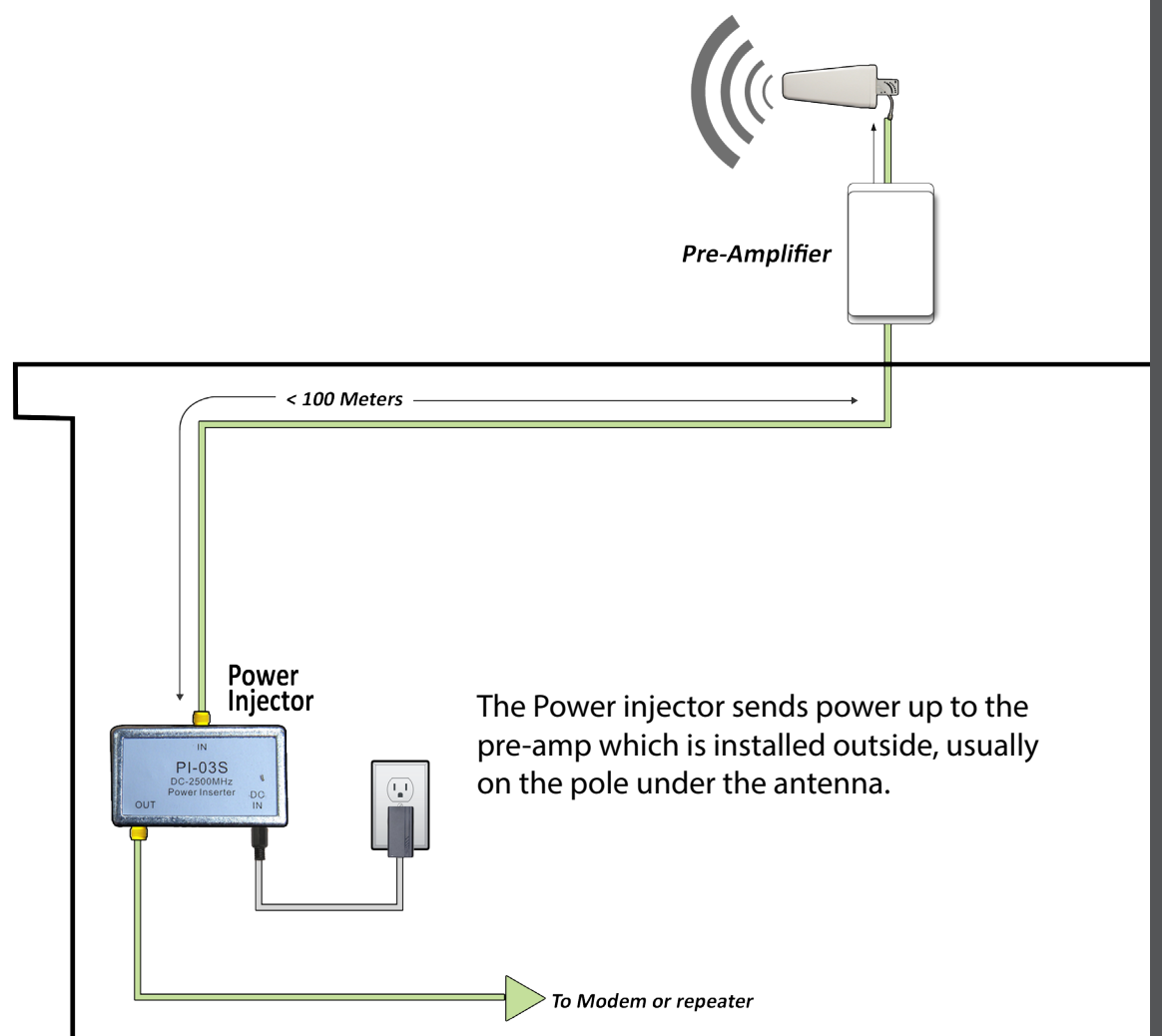
# PreAmp<sub>5 band</sub>



The Pre Amp is designed for situations where there is a long run of cable from outside to inside the building.

You can use up to 100 meters of cable between the external antenna and the repeater without signal loss.

Very good for very large building installations.



# PreAmp<sub>5 band</sub>

- Model number: SD-PA-LGDWH
- Frequency: 800/900/1800/2100/2600



## Frequency Specifications:

Frequency bands(Mhz):	(791 - 862MHz)+(880-960MHz)+(1710-1880MHz)+(1.92-2.17GHz)+(2500-2690MHz)	
Gain:	Uplink Gp > 20dB	Downlink Gp> 25dB
Pass band ripple:	< 2dB	
I/O impedance:	50 ohm/ N female connector	
Max uplink/downlink signal strength:	18dBm / -35dBm	
Ambient Temperature:	-30°C to +70°C	
Power supply input:	110 - 240V AC	
Power supply output:	12v DC	
Oscillation Control	Automatic	
Level Control:	Automatic*	
Uplink Switch Off	Yes**	
AGC Range	30db	
Surge protection	SMA connectors DC grounded, 12V DC port MOV protected	

## Mechanical Specification:

Length	43.5cm
Width	22.5cm
Depth	7.5cm
Weight	3kg
Mounting	4 x 5mm holes for mounting
Windage	(at 215kmph) 28kg
Mechanical tilt	0-25 degree
Mounting Pipe	5cm pipe
Materials - Radome	UV stabilized polystyrene white
Clamps	HDG stell + galvanised bolts

## Power Supply Specification:

AC	100-240V	50-60Hz
DC input	12V	3A
Typical power usage	20W	

\* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between Base station and Outdoor Antenna.

\*\* The uplink amplifiers switch off when the preamp is not in use, thus reducing the uplink noise to almost zero. When the preamp is in use (eg phone call being made), the uplink amplifier switches on for the duration of the call and a blue LED switches on indicating this is the case.

Note: Specifications subject to change without notice.