

# Powertec RIF Series Repeaters

## Improve mobile coverage

Poor mobile reception within a building is a thing of the past with the Powertec RIF Series of repeaters.

The RIF Series Repeaters offer a wireless solution to amplify a mobile phone signal and repeat the signal within a home or work place.

## Multiple Indoor Antennas

For larger coverage areas or multiple floors within a building, several indoor antennas can be connected to the RIF to enable a greater indoor coverage area.

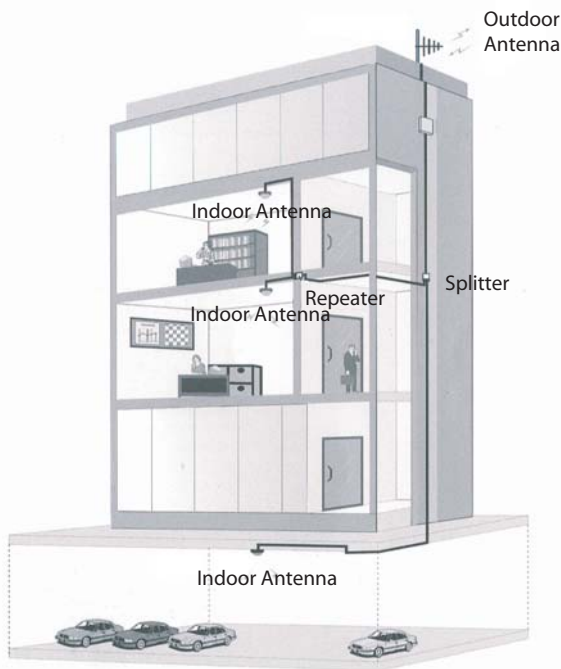
## Easy to install

Installation of the RIF can be done by the end user. An outdoor antenna is mounted on the roof and then the cable is run down inside the building to the repeater box. An indoor antenna is then connected to the repeater box inside the building.



### Setup

### Images



# Powertec RIF Series Repeaters

Model	RIF800	RIF900	RIF2100
Band	CDMA800 / 3G850	GSM900	3G2100
Frequency Range Downlink Uplink	869-894 MHz 824-849 MHz	935-960 MHz 890-915 MHz	1920-1980 MHz 2110-2170 MHz
Output Power	+19dBm 2dB/1Tone	+19dBm 2dB/1Tone	+16dBm 2dB/1Tone
Input Power	-51dBm ~-21dBm	-51dBm ~-21dBm	-54dBm ~-24dBm
Gain Downlink Uplink	70 2dB 70 2dB	70 2dB 70 2dB	70 2dB 70 2dB
Flatness	4dB (p-p)	4dB (p-p)	4dB (p-p)
VSWR	1.7 (max)	1.7 (max)	1.7 (max)
Delay	Under 5ms	Under 5ms	Under 5ms
ALC @ (-51dBm ~-21dBm)	19dBm 2dB/1Tone	19dBm 2dB/1Tone	+16dBm 2dB/1Tone
IMD (@2Tone, 16dBm)	-45dBc Over	-45dBc Over	-45dBc Over
Impedance	50ohm	50ohm	50ohm
Power Supply	DC 9V/3.5A	DC 9V/3.5A	DC 9V/3.5A
RF Connector Type	SMA Female	SMA Female	SMA Female
ALC	ON	ON	ON
Level Meter	ON	ON	ON
Internal Repeat System	IF	IF	IF
Weight	1.9kg	1.9kg	1.9kg
Dimension (D x W x H)	227 x 158 x 33.5 mm	227 x 158 x 33.5 mm	227 x 158 x 33.5 mm

## Optional Accessories



Indoor Antennas



Outdoor Antennas



Low Loss Cable



Splitters