

Pro Smart Repeaters

Specifications of 3G and 4G Signal Booster

KSA-CeFi-PRO-B1378

Specifications:

General Description	
Applications	The Pro Smart Repeater is an intelligent Indoor Coverage Solution for 3G and 4G Networks. It is a pure plug and play device that does not require installation of external antennas, bulky coaxial cables and complex configurations. It improves voice and data coverage in up to four bands for 3G and 4G Services.
Features	<ul style="list-style-type: none"> Improve 3G Voice and Data Throughputs Manage the Power levels and improves battery life of User Equipment Plug and Play device without any cabling and antennas Enhance Services for only authorised Operator Auto configuration Intuitive LED Interface for quick and Easy Installation Shut down Uplink Transmissions when there are no active users Peaceful coexistence with WIFI, Cellular and Femto devices Echo cancellation Algorithms Multiple carriers with bandwidth between 5 to 20 MHz and total bandwidth 35 MHz

Electrical Specifications	
3GPP Release	Support 3GPP R10 features
Coverage Area	Up to 1235 m ²
System Gain	Up to 100 dB
Total Bandwidth	35 MHz
Frequency/ MHz	UMTS 2100 & 900, LTE 1800 & 2600
Min RSCP	-104 dBm for Voice
Max EIRP	16 dBm Downlink and 24 dBm Uplink
Power consumption	<25 W per Unit
Power supply	100 to 240 V AC

Mechanical Specifications	
Window Unit	179 x 155 x 110 mm (h x w x d)
	Weight = 0.54 kg
Coverage Unit	160 x 164 x 79 mm (h x w x d)
	Weight = 0.45 kg

Environmental Specifications	
Operating Temperature	0°C to 40°C
Storage Temperature	-25°C to 60°C
Relative Humidity	5 to 95%



Note: Window Unit can be equipped with an external antenna connector that needs to be specified during order

Supplied by **KATHREIN**

• South Africa