

Building 65/ 70/ 75 series



Model available :

BI-65,70,75 , BC-65,70,75 , BG-65,70,75
BD-65,70,75 , BP-65,70,75 , BU-65,70,75

Features :

- Building - in AGC circuit , free of interference
- DIY Kit , adequate accessories included , easy to install
- 50/75 ohm coaxial cable compatible

Specifications :

_Gain :

Uplink 65dB / Downlink 65dB (65 series)
Uplink 70dB / Downlink 70dB (70 series)
Uplink 75dB / Downlink 75dB (75 series)

_Service coverage :

300 ~ 1000m² (BI-65,BC-65,BG-65)
150 ~ 400m² (BD-65,BP-65,BU-65)
500 ~ 1500m² (BI-70,BC-70,BG-70)
300 ~ 800m² (BD-70,BP-70,BU-70)
1000 ~ 3000m² (BI-75,BC-75,BG-75)
600 ~ 1600m² (BD-75,BP-75,BU-75)

_Noise Figure : 6.0 dB

_RF Power output :

Uplink 20dBm
Downlink 5dBm (65 series)
10dBm (70 series)
15dBm (75 series)

_AGC range : 40 dB

_Power supply :

90 ~ 240 VAC i/p , 12.2V 1.0A o/p

_Size dimensions :

4.1 x 9.7 x 24.0 cm (H x W x D)

_Weight : 0.9 kg (approx.)

Accessories : Outdoor panel antenna 1 pc
Indoor whip antenna 1pc
AC adaptor with AC power cord 1 set
Option : 2/3/4 way divider
6/10/15 dB directional coupler
ceiling antenna

Preamplifier repeater



The ClearCast ® Preamplifier Repeater is applied as the front end for a cell phone Distributed Repeater System. It was installed close to the outdoor antenna to ensure good signal quality, and the other side may drive 2~18Pcs of the post repeater (65/70/75 Building Repeater Series) by splitter / coupler to extend the indoor coverage up to 50,000m². For more detailed information, consult factory.

Model available :

BG-15 , BG-20 (for GSM),
BD-20 , BD-25 (for DCS)

Features :

- Extend the indoor coverage by driving multiple repeater
- Suitable for Cellphone Distributed Repeater System

Specifications :

_Gain :

Uplink/Downlink : 15dB (BG-15)
: 20dB (BG-20,BD-20)
: 25dB (BD-25)

_TX / RX Power : 20 dBm / 0 dBm

_RF Connector : N(F) , both ODANT , IDANT

_Power supply :

90 ~ 240 VAC i/p , 12.2V , 1.0A o/p

_Size dimensions :

4.1 x 9.7 x 24.0 cm (H x W x D)

_Weight : 0.75 Kg

Per Preamplifier Repeater Kit including :

_Main unit 1 pc
_AC Adaptor with power cord 1set
_N(M) – F(F) 2 pcs

Elevator repeater



The ClearCast ® Elevator Repeater is suitable for cellphone communication in the elevator . Its agile AGC make multiple user and fast movement of elevator stable link . For more detailed information , consult factory.

Model available :

GEL (for GSM) , DEL (for DCS)

Specifications :

_Gain : uplink : 55dB , downlink 55dB

_AGC : ≥ 30dB

_Power supply :

90 ~ 240 VAC i/p , 12.2V , 1.0A o/p

_N.F : ≤ 6 dB

_AGC attack / decay time : 0.5ms / 20ms

_Size dimensions :

4.1 x 9.7 x 24.0 cm (H x W x D)

_Weight : 0.75 Kg

Per Elevator Repeater Kit including :

_Main unit 1 pc
_AC Adaptor with power cord 1set
_N(M) – F(F) 2 pcs
_Panel ANT with bracket 1 set
_Indoor whip antenna 1 pc
_F(M) connector 4 pcs