



External UHF Signal Booster

RF-BST-KIT

The External UHF Signal Booster is designed to offset signal loss over long coaxial cable runs when used with Contacta's RF-TXRM transmitter. Each booster compensates for up to 10dB of signal attenuation, ensuring consistent transmission strength and clarity.

The unit is powered via a provided external DC power supply. The booster is mounted on a wall, providing flexibility for installation in diverse environments.

The External UHF Signal Booster is designed to work in combination with Contacta RF-AN-KIT external Fin antenna to compensate for loss of signal caused by physical cable lengths.

Physical Data

Dimensions	Height – 77 mm (3.03") Width – 75 mm (2.95") Depth – 18.2 mm (0.72")
Weight	180g (0.39lbs)
Finish	Matte

Technical Data

Frequency Range	470–960MHz
Power Supply	+8 to 12 V DC [external PSU provided]
Current Draw	≤ 25 mA
Mounting Options	Wall or Microphone Stand
Operating Frequency	865MHz / 915MHz compatible
Intended Use	Indoors
Gain Compensation	Up to 10 dB
Connectors	2 x BNC (input/output) to TNC adaptors provided
Indicator	Red LED – Power ON
Operating Temperature	0°C to +40°C
Transmission Range	+25% increase to range compared to standard RF-TXRM transmission +110% increase to range when used with the RF Antenna (RF-AN-KIT)

Applications

Ideal for indoor installations requiring extended cable runs between RF transmitters and the listening area including:

- Large venues and auditorium
- Exhibition spaces and conference halls
- Heritage or visitor attractions
- Places of worship

What's in the Box

- UHF Signal Booster [RF-BST]
- Connection Adaptors [RF-BNC-ADPT / RF-TNC-ADPT]
- Wall-Mount Bracket and Fixings [RF-ANT-GN / RF-ANT-MOUNT]
- Power Cable

Compatible Accessories

- External UHF Fin Antenna Kit [RF-AN-KIT]
- Extension Coax Cable – 10 m Reel [RF-COAX]

Talk to us now:
+44 (0) 1732 223900 (UK & ROW)
+1 616 392 3400 (US & Canada)
www.contacta.co.uk