

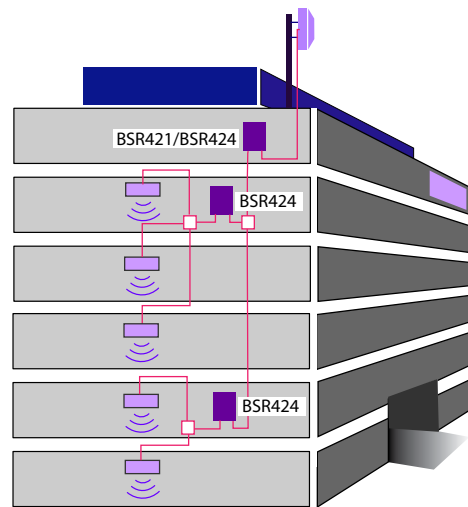
## BSR424

# BAND SELECTIVE REPEATER



The BSR424 offers quick and easy coverage deployment for indoor applications such as police stations, garages, power plants or other types of confined areas. It is used as part of a system where an entry shelf unit such as an antenna fed repeater is used in combination with the BSR424.

The BSR421 (band selective) or the CSR424 (channel selective) is ideal to use for these purposes. An outdoor donor antenna picks up the signal, feeds the signal via the BSR421/CSR424 to one or several BSR424 units. The signals are then distributed via leaky feeder or indoor server antennas, thus providing sufficient coverage inside the building. The unit provides high output power and amplifies the signals with a gain of up to 60 dB.



## SPECIFICATIONS

### Frequency bands available (MHz):

UL	DL
380-385	390-395
385-390	395-400
410-415	420-425
415-420	425-430
450-455	460-465
455-460	465-470

Operator bandwidth	5 MHz
Duplex distance	10 MHz
Output power/carrier (DL)	1 carrier: +36 dBm, 2 carriers: +33 dBm, 3-4 carriers: +30 dBm 8 carriers: +27 dBm
Power Requirements	230 VAC 50Hz, 115 VAC 60 Hz, -48 VDC
Power Consumption	< 150W

**External connection**

Local Maintenance Terminal	RS232
RF Ports	7/16 female or N-Type
External alarms	Plinth

**Remote Control and Alarm**

External alarms	4 external alarm inputs (NC or NO configurable)
Remote connection	Via GSM, GSM-R or PSTN modem or Ethernet

**Mechanical Specification**

Dimensions	540 x 350 x 150 mm
Enclosure	Aluminium (IP65)
Weight	22 kg
Cooling	Convection

**Environmental Specification**

Operating Temperature	- 25 to + 55 °C
Storage	- 30 to + 70 °C
MTBF	> 100 000 hrs

All data is subject to change without prior notice.

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