

# DUPLEXER FOR TWO REPEATERS

## SOLUTION DUPLEXER UHF



The “Duplexer for two repeaters” ARS allows you to add a digital or analog repeater to the repeater already installed, thus doubling the channel capacity of your radio communications system.

Without the need for new antennas, supports or coaxial cables, the costs of expanding your network, as well as the implementation period, will be significantly reduced.

The system is supplied with an ARS reception multicoupler, which is equipped with a low-noise amplifier and a high-selectivity duplex filter, allowing greater sensitivity, better noise attenuation, clearer communications and better audio quality.

As it is modular, the system can be expanded with standardized modules, thus ensuring the gradual expansion of your radio communications network.

Partnumber	Model	Range
505321	DUPLEXER FOR TWO REPEATERS	430 / 470 MHz

ELECTRICAL SPECIFICATIONS	
Input power per channel	Up to 150 watts
Maximum channel spacing	900KHz
Tx attenuation	6.5dB (300 KHz between channels)
Resonant system	8” Cavities
Isolation between transmitters	Double stage ferrite circulators
Connectors	N female
Operating temperature	0~60°C

MECHANICAL SPECIFICATIONS	
Weight	19 Kg
Dimensions ( H x W X L )	420 x 420 x 320 mm
Basic raw material	Aluminum alloy, copper, brass
Installation	19” rack standard

