

DUPLEXER FOR TWO REPEATERS

SOLUTION DUPLEXER VHF



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 high selectivity filters allowing greater sensitivity, better noise attenuation, clearer communications and better audio quality.

Partnumber	Model	Range
505320	DUPLEXER FOR TWO REPEATERS	148 / 174 MHz

ELECTRICAL SPECIFICATIONS	
Input power per channel	Up to 150 watts
Channel spacing	It should be between 75KHz and 160KHz
Tx attenuation	≤ 6.5dB (160 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	25 Kg
Dimensions (H x W X L)	700 x 500 x 550 mm
Basic raw material	Aluminum alloy, copper, brass
Installation	19” rack standard

