

DATASHEET	Pages : 01 Reference : 010020C
400 MHz MICRO REPEATER	Application date : 28/05/2015

MICRO REPEATER 400 MHz



❖ General description :



The 400 MHz Micro repeater ensures the continuity of mobile radio network Service TETRA / TETRAPOL in small infrastructure insufficiently covered or not, such as stores industrial buildings, warehouses, corridors, etc...

The installation just needs an antenna system, donor and coverage, and a 230 VAC outlet to connect the AC / DC adapter.

No technical skills are required because the device is fully plug & play with integrated SAW filter and limiter.

Very compact and light, the micro- repeater can be installed anywhere, with maximum discretion.

The product is declined under several references for the different bands Tetra / Tetrapol available.

🚦 TECHNICAL AND MECHANICAL FEATURES		
RF Features	Uplink	Downlink
Frequency band	380 to 385 MHz 385 to 390 MHz 410 to 415 MHz 415 to 420 MHz 450 to 455 MHz 455 to 460 MHz	390 to 395 MHz 395 to 400 MHz 420 to 425 MHz 425 to 430 MHz 460 to 465 MHz 465 to 470 MHz
Ripple in band	5 MHz	
Gain	+ 30 dB	
Nominal output power	1 carrier	+10 dBm
	2 carriers	+7 dBm
	3-4 carriers	+4 dBm
	8 carriers	+1 dBm
Supply	Remote power via Bias tee	
Consumption	4 W	
Servitudes	159 x 235x 84 mm	
Weight	1750 grs	
Connectors	N_Female	
Protection class	IP 34	
Temperature range	-10°C to +45 °C	
Cooling	Natural convection	

