

Features.

- ◆ TETRA repeater, 380-470 MHz.
- ◆ 5MHz bandwidth.
- ◆ +15 to +43 output power.
- ◆ Protection for total reflection.
- ◆ Operating temperature -30/+55 °C.
- ◆ Environmental specifications IP66-IEC 60529



Description.

Due to its easy installation, small size, high reliability and power, this solution is the best one to provide voice and data coverage to places where communications coverage does not exist or present strong attenuations such as tunnels, corridors, mines, airports, railway-stations, garages, department stores, stadiums, etc.

Electrical and mechanical specifications: IF-RPT-13

Frequency bands.	B1	380-385 MHz	390-395 MHz
	B2	385-390 MHz	395-400 MHz
	B3	410-415 MHz	420 -425 MHz
	B4	415-420 MHz	425-430 MHz
	B5	450-455 MHz	460-465 MHz
	B6	455-460 MHz	465-470 MHz
Bandwidth per channel		5 MHz	
Separation Up link - Down link		10 MHz	
Linear output power Up and Down		+15dbm to + 43dbm	
Gain		60-90 db	
Noise figure		4.0 db typ	
Automatic gain control		30 db	
Gain adjustment		20 dB	
IM3		-60 dbc (according TS 101 789-1)	
Return Loss		15 dB typ	
Group delay		3 μs	
Spurious emissions RF port		<-36dbm (according TS 101 789-1)	
Alarms indication		Temperature, output power, power supply, open door	
Supply		115-230 VAC/50 Hz; +24VDC	
Cooling		Convection	
Power consumption		160 W	
Operating temperature		-30 / +55 °C	
Size		400 x 400 x 205 mm	
Weight		23 Kg	

