Data sheet





Dual band amplifier

for mobile signals

art. 39-516B T-AMP 800/1800 27dBm















Amplifier ideal for the amplification of the mobile phone signal in band 20 (800 MHz) and in band 3 (1800 MHz) inside public or private buildings (e.g. houses, restaurants, offices, shops, etc.), where signals are weak or absent, provided that a good quality signal is received outside.

Ideal for amplifying the signal in areas up to 3000÷4000 m².

MHz

MHz

If you want to spread the signal inside a very large building, you can connect to the amplifier a splitter with a number of outputs equal to the number of indoor antennas that you need to instal to reach the desired signal coverage.

ode		39-516B	
m			1800 27dBm
nds name	ĺ	Band 20	Band 3
nds	MHz	800 MHz	1800 MHz

 $1715 \div 1785$

1810 ÷ 1880

Characteristics

- Max gain 80 dB with Automatic Gain Adjustment (AGC)
- Detection functions for self-oscillation and overpower
- LED indicators for status, power, alarms
- Compliant to:

2014/53/UE/RED: 2011/65/UE (RoHS) EN 301 489-50 V2.2.1; EN 301 489-1 V2.2.1; EN 301 908-11 V11.1.2; EN 301 908-11 V11.1.1; EN 301 908-15 V11.1.2; EN 303 609 V12.5.1; EN 60950-1:2006+A11:2009+A1:2010+A12: 2011+A2:2013; EN 50385:2017

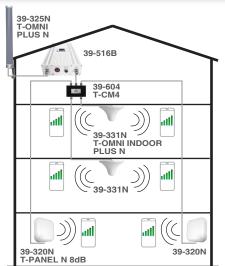
dB 31 (1 dB per time)

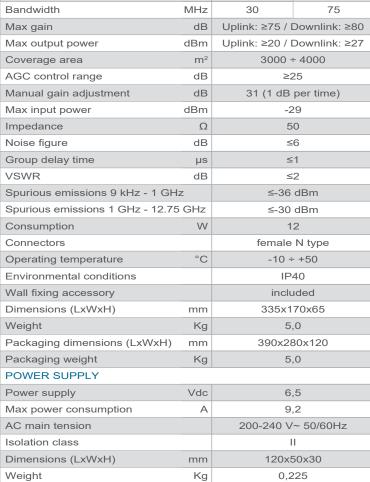
832 ÷ 862

791 ÷ 821

Example of application







^{*} The coverage area is an indicative data that changes according to various factors and is different in each system.

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Cod Iten Ban

Uplink frequencies

Downlink frequencies