



Intelligent Repeater Serie Domus - Dual Band Domus Light 10dBm

| Modello                                     |                        | Domus Light Dual Band 900/1800          |              |
|---|------------------------|---|--------------|
| Codice                                      |                        | 5R.GD-DIP-DOM.L                         |              |
| Electrical specification                    |                        | Uplink                                  | Downlink     |
| Frequency Range                             | GSM                    | 890-915Mhz                              | 935-960Mhz   |
|   | DCS                    | 1710-1785Mhz                            | 1805-1910Mhz |
| Max .Gain                                   |                        | ≥ 55dB                                  | ≥ 60dB       |
| Max .Output Power                           |                        | ≥ 7dBm                                  | ≥ 10dBm      |
| Band width (-3dB)                           |                        | Wide Band                               |              |
| MGC ( Step Attenuation )                    |                        | ≥ 15dB                                  |              |
|   |                        | 5, 10 and 15dB with two DIP switches    |              |
| Automatic Level Control                     |                        | ≥ 15dB, auto shut off 31dB after 15dB   |              |
| Noise Figure                                |                        | ≤ 6dB                                   |              |
| VSWR  |                        | ≤ 2.0                                   |              |
| Group Delay                                 |                        | ≤ 1μs                                   |              |
| Frequency stability                         |                        | ≤ 0.01ppm                               |              |
| Spurious Emission & Output inter-modulation |                        | GSM Meet ETSI TS 151 026 V6.1.0         |              |
|   |                        | WCDMA Meet 3GPP TS 25.143 ( V 6.2.0 )   |              |
|   |                        | CDMA Meet IS95 & CDMA2000               |              |
| WCDMA System                                | Spurious Emission Mask | Meet 3GPP TS 25.143 ( V 6.2.0 )         |              |
|   | Modulation Accuracy    | ≤ 12.5%                                 |              |
|   | Peak Code Domain Error | ≤ -35dB @ Spreading Factor 256          |              |
| CDMA System                                 | Rho                    | ρ > 0.980                               |              |
|   | ACPR                   | Meet IS95 & CDMA2000                    |              |
| <b>LED Alarm</b>                            |                        | <b>Standard</b>                         |              |
| Power LED                                   |                        | Power Indicator                         |              |
| ALC LED                                     |                        | Orange @ ALC 1~5dB, Red @ ALC           |              |
| <b>Mechanical Specifications</b>            |                        | <b>Standard</b>                         |              |
| I/O Port                                    |                        | N-Female                                |              |
| Impedance                                   |                        | 50 ohm                                  |              |
| Operating Temperature                       |                        | -25°C ~ +55°C                           |              |
| Environment Conditions                      |                        | IP40                                    |              |
| Dimensions                                  |                        | 129x155x30mm                            |              |
| Weight                                      |                        | ≤ 1.0Kg                                 |              |
| Power Supply                                |                        | Input AC 90~264V, output DC 7.5V / 1.2A |              |

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