



TYPE: SINGLE  
P.C.: 0400300  
EAN-CODE: 8436545302040



TYPE: HQ SINGLE  
P.C.: 0400301  
EAN-CODE: 8436545302057



TYPE: HQ TWIN  
P.C.: 0400302  
EAN-CODE: 8436545302064



TYPE: HQ QUAD  
P.C.: 0400303  
EAN-CODE: 8436545302071

## Technical specifications eXcellento series



| Reference                                                      | eXcellento Single                                    | eXcellento HQ Single                                 | eXcellento HQ Twin                                   | eXcellento HQ Quad                                   |
|----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Code                                                           | 0400300                                              | 0400301                                              | 0400302                                              | 0400303                                              |
| LNC type                                                       | SINGLE                                               | HQ SINGLE                                            | HQ TWIN                                              | HQ QUAD                                              |
| Input frequencies                                              | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz |
| Number of outputs                                              | 1                                                    | 1                                                    | 2                                                    | 4                                                    |
| Output frequencies                                             | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   |
| Local oscillators                                              | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           |
| Output impedance                                               | 75 Ω                                                 | 75 Ω                                                 | 75 Ω                                                 | 75 Ω                                                 |
| Conversion gain                                                | 52 - 65 dB                                           | 52 - 65 dB                                           | 52 - 65 dB                                           | 52 - 65 dB                                           |
| Noise figure                                                   | 0.1 dB (Typ.)                                        | 0.1 dB (Typ.)                                        | 0.1 dB (Typ.)                                        | 0.1 dB (Typ.)                                        |
| Voltage supply                                                 | 13VDC-18VDC<br>0-22 KHz                              | 13VDC-18VDC<br>0-22 KHz                              | 13VDC-18VDC<br>0-22 KHz                              | 13VDC-18VDC<br>0-22 KHz                              |
| Current consumption                                            | 75 mA (Typ.)                                         | 75 mA (Typ.)                                         | 120 mA (Typ.)                                        | 190±10 mA (Typ.)                                     |
| Community against UMTS/<br>GSM/DECT interferers<br>@~1,800 MHz | 40 dB min                                            | 40 dB min                                            | 40 dB min                                            | 40 dB min                                            |
| Weight gross / netto                                           | 121 / 84 g                                           | 169 / 139 g                                          | 179 / 135 g                                          | 250 / 219 g                                          |
| Packing u. master / pallet                                     | 50 / 2.400                                           | 30 / 1.440                                           | 30 / 1.440                                           | 40 / 1.920                                           |





TYPE: HQ QUATTRO  
P.C.: 0400304  
EAN-CODE: 8436545302088



TYPE: HQ OCTO  
P.C.: 0400305  
EAN-CODE: 8436545302095



TYPE: HQ SCR  
P.C.: 0400306  
EAN-CODE: 8436545302101

## Technical specifications eXcellento series



| Reference                                                      | eXcellento HQ Quattro                                | eXcellento HQ Octo                                   | eXcellento HQ SCR                                    |
|----------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Code                                                           | 0400304                                              | 0400305                                              | 0400306                                              |
| LNC type                                                       | HQ QUATTRO                                           | HQ OCTO                                              | HQ SCR                                               |
| Input frequencies                                              | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz | Low Band: 10.7~11.7 GHz<br>High Band: 11.7~12.75 GHz |
| Number of outputs                                              | 4 (1VL, 1HL, 1VH, 1HH)                               | 8                                                    | 3 (1 SCR with 4 channels + 2 Legacy)                 |
| Output frequencies                                             | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   | Low Band: 950~1950 MHz<br>High Band: 1100~2150 MHz   |
| Local oscillators                                              | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           | Low Band: 9.75 GHz<br>High Band: 10.60 GHz           |
| SCR frequency 1 / 2                                            | --                                                   | --                                                   | 1210 / 1420 MHz                                      |
| SCR frequency 3 / 4                                            | --                                                   | --                                                   | 1680 / 2040 MHz                                      |
| Output impedance                                               | 75 Ω                                                 | 75 Ω                                                 | 75 Ω                                                 |
| Conversion gain                                                | 52 - 65 dB                                           | 52 - 65 dB                                           | 52 - 65 dB                                           |
| Noise figure                                                   | 0.1 dB (Typ.)                                        | 0.1 dB (Typ.)                                        | 0.1 dB (Typ.)                                        |
| Voltage supply                                                 | 13VDC-18VDC<br>0-22 KHz                              | 13VDC-18VDC<br>0-22 KHz                              | 13VDC-18VDC<br>0-22 KHz                              |
| Current consumption                                            | 200±10 mA                                            | 220±10 mA                                            | 370 mA                                               |
| Community against UMTS/<br>GSM/DECT interferers<br>@~1,800 MHz | 40 dB min (Typ.)                                     | 40 dB min (Typ.)                                     | 40 dB min (Typ.)                                     |
| Weight gross / netto                                           | 247 / 208 g                                          | 420 / 369 g                                          | 415 / 358 g                                          |
| Packing u. master / pallet                                     | 40 / 1.920                                           | 30 / 1.200                                           | 30 / 1.200                                           |

