



RED HQ SINGLE
C.P.: 0400311



RED HQ TWIN
C.P.: 0400312



RED HQ QUAD
C.P.: 0400313

Technical specifications eXcellento Red series



Reference	eXcellento Red HQ single	eXcellento Red HQ twin	eXcellento Red HQ quad
Code	0400311	0400312	0400313
LNC type	HQ SINGLE	HQ TWIN	HQ QUAD
Input frequencies	Low Band: 10.7 ~ 11.7 GHz High Band: 11.7 ~ 12.75 GHz	Low Band: 10.7 ~ 11.7 GHz High Band: 11.7 ~ 12.75 GHz	Low Band: 10.7 ~ 11.7 GHz High Band: 11.7 ~ 12.75 GHz
Number of outputs	1	2	4
Output frequencies	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz
Local oscillators	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz
Output impedance	75 Ω	75 Ω	75 Ω
Conversion gain	55 - 68 dB	55 - 68 dB	55 - 68 dB
Noise figure	0.1 dB (Typ.)	0.1 dB (Typ.)	0.1 dB (Typ.)
Voltage supply	13VDC-18VDC 0-22 KHz	13VDC-18VDC 0-22 KHz	13VDC-18VDC 0-22 KHz
Current consumption	120 ± 10 mA (Typ.)	140 ± 10 mA (Typ.)	140 ± 10 mA (Typ.)
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min	40 dB min	40 dB min





RED HQ QUATTRO
C.P.: 0400314



RED HQ OCTO
C.P.: 0400315

Technical specifications eXcellento Red series



Reference	eXcellento Red HQ quattro	eXcellento Red HQ octo
Code	0400314	0400315
LNC type	HQ QUATTRO	HQ OCTO
Input frequencies	Low Band: 10.7 ~ 11.7 GHz High Band: 11.7 ~ 12.75 GHz	Low Band: 10.7 ~ 11.7 GHz High Band: 11.7 ~ 12.75 GHz
Number of outputs	4 (1 VL, 1 HL, 1 VH, 1 HH)	8
Output frequencies	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz	Low Band: 950 ~ 1950 MHz High Band: 1100 ~ 2150 MHz
Local oscillators	Low Band: 9.75 GHz High Band: 10.60 GHz	Low Band: 9.75 GHz High Band: 10.60 GHz
Output impedance	75 Ω	75 Ω
Conversion gain	55 - 68 dB	55 - 68 dB
Noise figure	0.1 dB (Typ.)	0.1 dB (Typ.)
Voltage supply	Any voltage between 13VDC and 18VDC	13VDC-18VDC 0-22 KHz
Current consumption	230 $\pm$ 10 mA (Typ.)	140 $\pm$ 10 mA (Typ.)
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min	40 dB min

