



TYPE: SINGLE
P.C.: 0400300



TYPE: HQ SINGLE
P.C.: 0400301



TYPE: HQ TWIN
P.C.: 0400302



TYPE: HQ QUAD
P.C.: 0400303

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 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	Low Band: 10.7~11.7 GHz High Band: 11.7~12.75 GHz
Number of outputs	1	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	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	Low Band: 9.75 GHz 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 0-22 KHz	13VDC-18VDC 0-22 KHz	13VDC-18VDC 0-22 KHz	13VDC-18VDC 0-22 KHz
Current consumption	75 mA (Typical)	75 mA (Typical)	120 mA (Typical)	190±10 mA (Typical)
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min	40 dB min	40 dB min	40 dB min





TYPE: HQ QUATTRO
P.C.: 0400304



TYPE: HQ OCTO
P.C.: 0400305



TYPE: HQ SCR
P.C.: 0400306

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 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	4 (1VL, 1HL, 1VH, 1HH)	8	3 (1 SCR with 4 channels + 2 Legacy)
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
IF Channel 1 (SCR0)	--	--	1210 MHz
IF Channel 2 (SCR1)	--	--	1420 MHz
IF Channel 3 (SCR2)	--	--	1680 MHz
IF Channel 4 (SCR3)	--	--	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 0-22 KHz	13VDC-18VDC 0-22 KHz	13VDC-18VDC 0-22 KHz
Current consumption	200±10 mA	220±10 mA	370 mA
Community against UMTS/ GSM/DECT interferers @~1,800 MHz	40 dB min (Typical)	40 dB min (Typical)	40 dB min (Typical)

