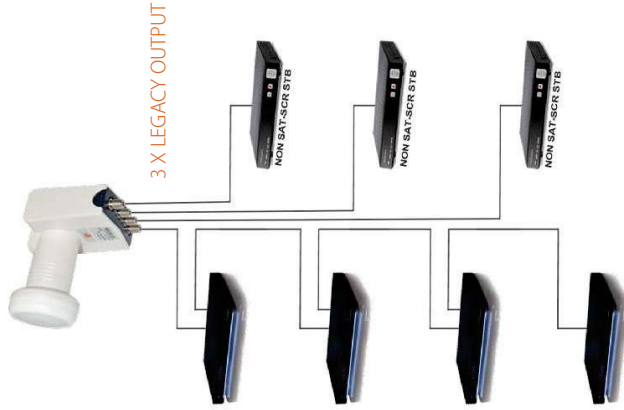


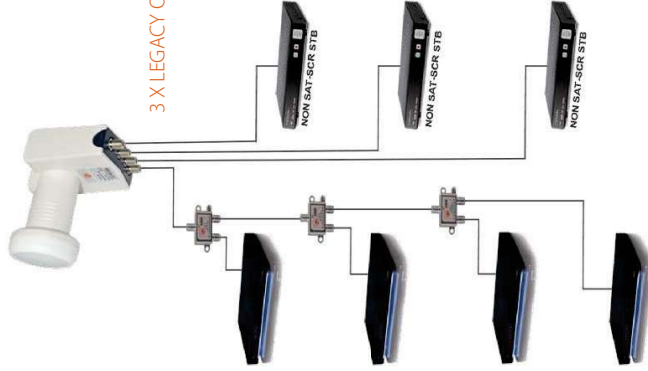
# 13 SINGLE CABLE LBNF

## SINGLE CABLE LBNF



SCR LNB is a cutting-edge technology device allowing to connect up to 4 receivers with only one cable. Now it is also available with 1, 2 or 3 Legacy output to support non-SCR receivers.

3 X LEGACY OUTPUT



# 14 SINGLE CABLE LBNF



GT-51SCR4

1 Legacy output



GT-52SCR4

2 Legacy output



GT-53SCR4

3 Legacy output

## SAT-SCR PORT SPECIFICATION

Low Band LO	9.75 GHz	LEGACY PORT SPECIFICATION	9.75 GHz
High Band LO	10.6 GHz		10.6 GHz
Fixed User Bands	Channel 1: 1210 MHz Channel 2: 1420 MHz Channel 3: 1680 MHz Channel 4: 2040 MHz		
LO Stability	+/- 2.5 MHz @ room temp. +/- 4 MHz @ over temp.		+/- 1 MHz @ room temp. +/- 2.5 MHz @ over temp.
Noise Figure	0.2dB (Typ)		0.2dB (Typ)
Gain	58-67 dB		57-65 dB
Gain Flatness	+/-0.5dB/26MHz over temp. 6 dB over temp.		+/-0.5dB/26MHz over temp. 6 dB over temp.
In-Band Spurious	<-47 dBm over temp.		<-55 dBm over temp.
Cross-Pol. Isolation	>20 dBm over temp.		>20 dBm over temp.
Control Signal	DiSEqC-ST		DiSEqC 1.0
Polarity Switching Voltage	SATCR control firmware from ST		10.5 ~ 14.0 Vdc 16.0 ~ 21.0 Vdc
Band Switching Signal			Low Band: 0 kHz High Band: 22 kHz +/- 4kHz
Image Rejection	>40 dB over temp.		>40 dB over temp.
IM3 suppression	>50 dBc @ IF signal power -15 dBm over temp.		>50 dBc @ IF signal power -15 dBm over temp.
LO Freq Phase Noise	Integration phase noise <2.5 degree RMS @ 10 kHz ~ 13MHz		<-55 dBc @ 1 kHz <-75 dBc @ 10 kHz <-100 dBc @ 100 kHz <-120 dBc @ 1 MHz
Operating Temperature Range	-40° C ~ +65° C		-40° C ~ +65° C
Power Consumption	300 mA		200 mA
Feed Length	42mm		