

# GK682A-21

## SCR LNBF with Legacy port

- Satellite Channels Router
- Expand to 4 Sat-top boxes
- Compliance to EN50494
- Easy Installation (40mm)
- Excellent Performance
- Low Power Consumption
- 100% Water Leak Proof



**HD**  
ready

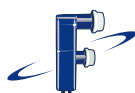
**RoHS**  
COMPLIANT



SPECIFICATION	LOW BAND / HIGH BAND
INPUT FREQUENCY RANGE	10.7~11.7 GHz / 11.7~12.75 GHz
REFLECTOR TYPE	OFFSET
F/D RATIO	0.5~0.7
CROSS POL. ISOLATION	20dB (Min.)
NOISE FIGURE	0.7 dB (typical)
CONVERSION GAIN	58 dB (typical)
GAIN FLATNESS	SCR ±1.5 dB /30 MHz Legacy ±1 dB /30 MHz
OUTPUT FREQUENCY	Channel 1: 1180~1240MHz Channel 2: 1390~1450MHz Channel 3: 1650~1710MHz Channel 4: 2020~2080MHz
L.O. FREQUENCY	9.75 GHz / 10.60 GHz
L.O. PHASE NOISE	-60 dBc / Hz @ 1KHz (Max.) -80 dBc / Hz @ 10KHz (Max.) -100 dBc / Hz @ 100KHz (Max.)
OUTPUT POWER LEVEL (AT 1 dB GAIN COMPRESSION)	0 dBm
IMAGE REJECTION	40 dB (Min.)
OUTPUT VSWR	2.0 : 1 (Max..)
OUTPUT CONNECTOR	75 Ω F TYPE FEMALE
DC CURRENT CONSUMPTION	350 mA
OPERATING VOLTAGE	(1) 11.5 ~ 14.0 V → VERTICAL POLARIZATION (2) 16.0 ~ 19.0 V → HORIZONTAL POLARIZATION (3) Continuous 22KHz ± 4KHz→HIGH BAND SELECTION
ENVIRONMENT	Operating Temperature -30°C ~ +60°C Storage Temperature -55°C ~ +60°C

\* CE Conformity assessment through ETC 

\*\* WEEE / RoHS Conformity assessment through Bureau Veritas



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