



# G-STAR COMMUNICATIONS LTD.

www.gstarcom.net



**Single Cable Solution**

**Stand-alone CSS LNB**

**GS-404-L1**

## Specification

<b>Description</b>	1 single cable output	
<b>Applications</b>	Distribution of satellite (analogue/digital) to 4 users It is suitable for distribution of the 4 Astra (or 4 Hot Bird) polarities, especially to receive digital transponders.	
<b>Number of Outputs</b>	1 single cable output (for 4 users), 2 legacy	
<b>Number of legacy outputs</b>	0/1/2 selective	
<b>Input Frequency Range</b>	L:10.70-11.70 GHz	H:11.70-12.75 GHz
<b>Output Carrier Frequency Range</b>	L:950-1950 MHz	H:1100-2150 MHz
<b>L.O. Frequency</b>	L:9.75 GHz	H:10.6 GHz
<b>Reflector Type</b>	Offset	
<b>F/D Ratio</b>	0.5~0.7	
<b>Cross Polarization Isolation</b>	25dB (Typical) / 20dB(Max.)	
<b>Noise Figure</b>	0.7 dB(Typical)	
<b>Conversion Gain</b>	50dB (Typical) / 60dB(Max.)	
<b>Single cable Output Carrier Frequency</b>	1280 MHz Channel 1	
	1382 MHz Channel 2	
	1586 MHz Channel 3	
	1688 MHz Channel 4	
<b>L.O. Frequency Stability</b>	1. $\pm 1$ MHz(Room Temperature) 2. $\pm 3$ MHz(-40°C to +60°C)	
<b>Legacy command</b>	13V-18V-13V+22K-18V+22K	
<b>Output VSWR</b>	2.5 : 1 (Max.)	
<b>Output Connector</b>	75Ω F Type Female	
<b>DC Current Consumption</b>	350mA	
<b>Operating Temperature</b>	-40°C to +60°C	