



G-STAR COMMUNICATIONS LTD.

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Single Cable Solution

Stand-alone CSS LNB

GS-406-L1

Specification

Description	1 single cable output	
Applications	Distribution of satellite (analogue/digital) to 6 users It is suitable for distribution of the 4 Astra (or 4 Hot Bird) polarities, especially to receive digital transponders.	
Number of Outputs	1 single cable output (for 6 users), 2 legacy	
Number of legacy outputs	0/1/2 selective	
Input Frequency Range	L:10.70-11.70 GHz	H:11.70-12.75 GHz
Output Carrier Frequency Range	L:950-1950 MHz	H:1100-2150 MHz
L.O. Frequency	L:9.75 GHz	H:10.6 GHz
Reflector Type	Offset	
F/D Ratio	0.5~0.7	
Cross Polarization Isolation	25dB (Typical) / 20dB(Max.)	
Noise Figure	0.7 dB(Typical)	
Conversion Gain	50dB (Typical) / 60dB(Max.)	
Single cable Output Carrier Frequency	1280 MHz Channel 1	
	1382 MHz Channel 2	
	1484 MHz Channel 3	
	1586 MHz Channel 4	
	1688 MHz Channel 5	
	1790 MHz Channel 6	
L.O. Frequency Stability	1. ± 1 MHz(Room Temperature) 2. ± 3 MHz(-40°C to +60°C)	
Legacy command	13V-18V-13V+22K-18V+22K	
Output VSWR	2.5 : 1 (Max.)	
Output Connector	75Ω F Type Female	
DC Current Consumption	400mA	
Operating Temperature	-40°C to +60°C	