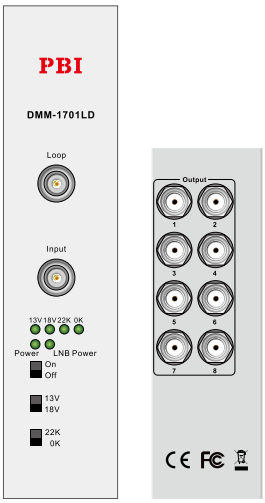
DMM-1701LD
8-Way Active Satellite Signal Splitter



DMM-1701LD is an 8-Way active L-band satellite signal splitter. The RF input port can be fed with 13/18V and 0/22KHz to drive the LNB and antenna. By using micro strip line technology, the port-to-port isolation between 8 RF outputs is higher than 40dB. It is a useful and cost effective spare part for satellite professional IRD product line.

Main Feature

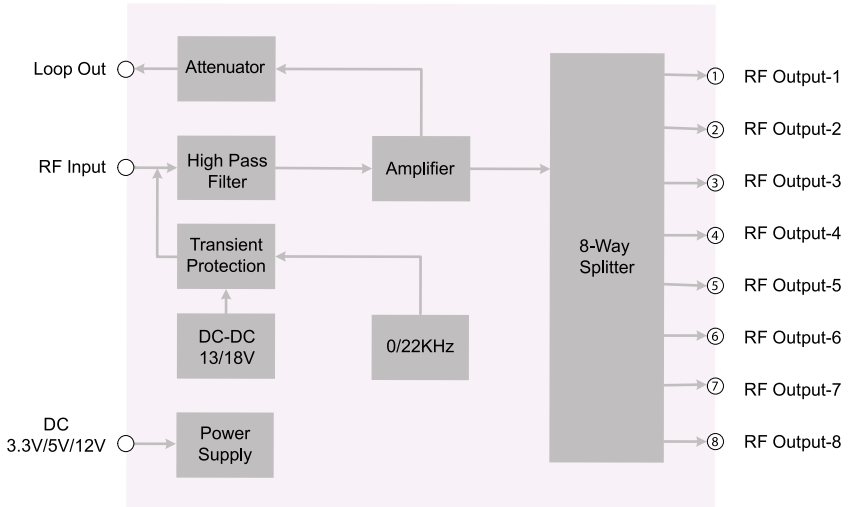
- Used with professional satellite receiver and decoder modules in DMM product line
- Isolated DC between input and output based on micro strip directional coupler
- Active splitter to keep good RF output level
- High isolation between 8 RF output ports
- Loop output of RF input on front panel for supervision
- Manual LNB 13/18V, 0/22kHz switches with LED status

Specification

RF Input	
Input Number	1
Connector type	Type F, 75Ω
Frequency range	950MHz - 2150MHz
Input level	-65 ~ -25dBm
LNB Control	
13/18V	13±1V, 18±1.5V
0/22KHz	0.7±0.1Vpp, 22±1KHz
Load current	350mA
RF Output	
Output Number	8 outputs, 1 loop output
Connector type	Type F, 75Ω
Gain	0±2dB
Return loss	≥10dB
Flatness	±2dB
Isolation	≥40dB
Control & Monitoring	
Switch	3 switches for LNB power ON/OFF, 13V/18V and 0/22KHz
LED	6 LEDs for Power, LNB Power, 13V, 18V, 0kHz, 22kHz
Physical	
Dimension	379.7×111.5×39 mm
Power consumption	10W Max
Operation temperature	0~45ºC
Storage temperature	-10~50ºC

Block Diagram

DMM-1701LD Functional Block Diagram



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