

产品介绍

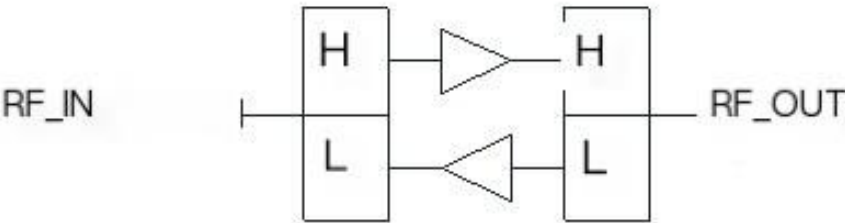
Product Introduction

SFT-BLE-M11 型双向放大器可用于传统的同轴电缆 CATV 分配网，也可用于现代 HFC 宽带网络。支持 DOCSIS 系统。适用于 1 GHz HFC 双向网络。该机采用了低功耗、高线性度的砷化镓技术，有效地提高了系统的失真指数和噪声系数，延长了系统的使用寿命。集成压铸外壳具有优异的防水和屏蔽性能，可用于各种环境。

The SFT-BLE-M11 bidirectional amplifier can be used in traditional coaxial cable CATV distribution networks and modern HFC broadband networks. Support DOCSIS system. Suitable for 1 GHz HFC bidirectional networks. This machine adopts low-power and high linearity gallium arsenide technology, effectively improving the distortion index and noise figure of the system, and extending the service life of the system. The integrated die-casting shell has excellent waterproof and shielding performance, and can be used in various environments.

产品功能原理框图

Product Functional Principle Block Diagram



产品性能指标

Product performance indicators

编号 No.	项目 Item	正向 Forward	反向 Reverse	备注 Remarks
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1	频率范围(MHz) Frequency range (MHz)	** -860/1000 ** -860/1000	5- **	频率分割根据实际而定 Frequency segmentation according to the actual situation
2	平坦度(dB) Flatness (dB)	±1 ± 1	±1 ± 1	
3	反射损耗(dB) Reflection loss (dB)	≥16 ≥ 16	≥16 ≥ 16	
4	标称增益(dB) Nominal gain (dB)	14 14	10 10	
5	噪声系数(dB) Noise coefficient (dB)	<6.0 < 6.0		
6	连接方式 Connection method	F 型连接头 F connector		
7	输入、出阻抗 (Ω) Input and output impedance (Ω)	75 75		
8	C/CSO(dB) C/CSO (dB)	60 60	— —	59 路 PAL 制、10dBmV 59 way PAL system, 10dBmV
9 nine	C/CTB(dB) C/CTB (dB)	65 65	— —	
10 ten	环境温度 (°C) Environmental temperature (°C)	-25°C — +55°C -25 °C -+55 °C		
11	设备尺寸 (mm) Equipment size (mm)	110 长×95 宽×30 高 110 length × 95 width × 30 height		
12	设备重量 (kg) Equipment weight (kg)	最大 0.5 kg Max 0.5 kg		

产品特性 **Product feature**

- 1.2GHz 双向频段设计;
1.2GHZ two-way frequency range design;
- 插件式双向滤波器, 提供多种分割频率;
The plug-in bidirectional filter can offer a variety of dividing frequency;

外壳采用铸铝外壳.

The enclosure adopts casting aluminum material.