RF Switch:RFS-2

Overview

RFS-2 RF switch adopts 19" 1U standard box and applies RF signal backup in HFC network to improve the reliability of system and the best service of network. It's mainly used in the front end and the sub-front of HFC system.

RF switch adopts modular design, push-pull double power supplies, independent RF switch module, network transponder module, high precision RF test and micro processing technology, as well as LCD screen to display the operation status of the machine precisely, which can facilitate the users to use and maintain largely.

RF switch has manual and automatic two types operation modes. Among them, manual mode can test the signal strength in main and backup path, automatic mode can make automatic switch of main and backup path signal according to the input signal. The user can set the actual channel number and threshold value of the signal switch through the adjustment of front panel button according to actual requirement. It will switch to backup path when the main path is lower than the setting value of threshold, and switch to the mater road again when its signal returns to normal. Also, it can do remote monitor and setting accurately.

Specifications

Items		Units	Parameters
Operation frequency range		MHz	5~870
In-band flatness		dB	≤±0.75
Insert loss		dB	≤1.5
Return loss		dB	≥14
Threshold setting range		dB	70~110
Isolation	5~300MHz	dB	≥80
	5~870MHz	dB	≥60
Operation voltage		V	AC170~265
Power consumption		W	≤5
Operation temperature		℃	-10~55
Operation humidity		%	5~95
Storage temperature		℃	-40~+85
Weight		kg	2.7
Outer dimension		mm	483×300×44.5