

1. Introduction

There are attenuation between receiving unit. Distributing unit and receiving place. The function of antenna amplifier is to compensate this attenuation. The attenuation comes from: Coaxial cable Distributor, branch line Antenna Plug Coaxial connector / plug



2. Types of antenna amplifier

-Multirange antenna amplifier can beat the receiving place, that is, at the base of the capability number.

-This kind of amplifier is fit house-turning-point. In the wide band distributing network (BK-set) The BK-Set amplifier use level adjust for level optimum. Part of this kind of amplifier has a install able line conditioning, compensating the cable attenuation, which has relation with frequency. With the Bk-set amplifier is the appropriate supply to the wide band distributing network guaranteed. It can't be put at the receiving place.

-BK-Set amplifier/House distributing amplifier-This kind of amplifier is fit for the layer 4 of network. That is, the amplifier is directly behind the house-turning-point. In the wide band distributing network (BK-set).

The BK-set amplifier uses level adjustment for level optimum. Part of this kind of amplifier has an installable live conditioning, compensating the cable attenuation, which has a relation with frequency.

With the BK-set amplifier is the appropriate supply to the wide band distributing network guaranteed. It can't be put at the receiving place.

-Two-unit amplifier is used at the antenna plug in order to compensate the distributing loss or the transmission loss because of attachment.

For example, when another receiving unit must be connected or when a certain long cable is necessary to reach the receiving unit. Two-unit amplifier must not be put at the receiving place. In order to make an existing EVA include all the receiving wave ranges. The leading amplifier is used. The leading amplifier is connected in front of or behind the existing multirange amplifier in these cases, so it is possible to receive the amplifier can be put at the receiving place.

3 -Installation

The amplifier is installed at a certain place in a place with two screw holder side by side. The installation should be near the standing place for the multirange antenna amplifier and near the Hiip for the BK-Set Amplifier. The installation of coaxial connector (DIN/IE CoF-connector) must be careful and must accord with the special requirement.

-The VED-standard 0100 and 0855 of the Europe norm EN50083 is for the electric part