

Diplexers



global invacom
completing the picture

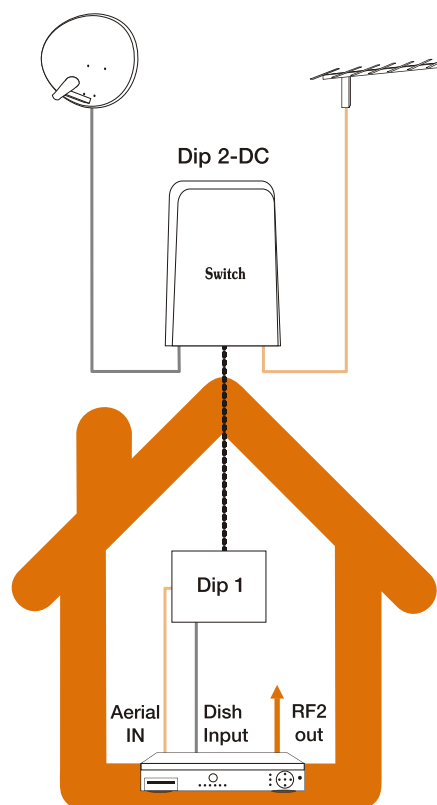


- Allows a satellite signal to be added to an existing system
- High isolation between satellite and TV ports
- Low insertion loss

Product description

The **Dip1** splitting diplexer is normally used indoors to separate Satellite and TV. It employs high isolation filters to prevent interference between the Satellite and TV signals. The satellite DC is fed through the Diplexer to the combining Diplexer **Dip1, Dip2, Dip2-dc**.

The **Dip2** has high isolation to prevent the satellite LNB noise interfering with the terrestrial signals, or harmonics of the terrestrial signals. For systems using a VHF or UHF amplifier powered through the coax, the **Dip2-dc** should be used. This supplies a 12V, 100mA max supply to the terrestrial input. The current for both the satellite LNB and the terrestrial amplifier is supplied by the satellite receiver. **DIP2 & DIP2-DC** are designed with a weatherproof case for the harsh outside environment.



Specification

	DIP1
TV Port	47-860MHz
Insertion Loss	<2dB
Isolation	>40dB
Current Passed to UHF/VHF Port	0
Impedance	75ohms
Satellite Port	950 -2150MHz
Insertion Loss	<3dB
Isolation	>30dB
Current Passed	1A max
External Installation	No

DIP2	DIP2-DC
47-860MHz	47-860MHz
2dB	<2dB
>40dB	>40dB
0	100mA max 12V
75ohms	75ohms
950 -2150MHz	950 -2150MHz
<3dB	<3dB
>30dB	>30dB
1A max	1A max
YES	YES