



Features & Benefits:

- **Variety of different types of Filters**
- **Low and High Pass Filters**
- **Diplex Filters for multi standard applications**
- **Return loss is better than -20dB**
- **Flat Response cross operation frequency band**
- **High Isolation between Pass and Stop Bands**
- **Custom Designs are available**

THREE YEAR PARTS AND LABOR
WARRANTY INCLUDED

CommDev LLC is offer different types of Filters for Headend applications. All Filters offers in Die-cast solder sealing housing for high RF screening with standard F-connectors.

The new high performance Dual Diplex Filter **DDF-4254** is designed as a modular component packaged in our HPS Series housing. The two filters in one housing is ideal for installatio in any of the CommDev HPS Series chassis and other universal chassis that allow installation of both active and passive components.

Technical Specifications:

Parameters	Units	Spec
Frequency Bands:		
Return Path	MHz	5 - 42
Forward Path	MHz	54 - 1002
Insertion Loss in Pass Band, max	dB	1
Insertion Loss Flatness	dB	±0.25
Stopband Rejection, min	dB	47
Return Loss all Ports, min	dB	20
Isolation between Filters, min	dB	70
Group Delay Time, max:		
5-42 MHz (1.0 MHz spacing)	ns	18
54-1002 MHz (3.58 MHz spacing)	ns	18
RFI, min	dB	100
Connectors	F-type	
Dimensions, WxHxD	inch	8.4"x0.8"x2.75"
Weight	lb	1

CommDev LLC manufactures products designed by engineers for engineers!