

## ViaLiteHD® - L-Band 10 MHz Diplexer

### L-Band 10 MHz Diplexer

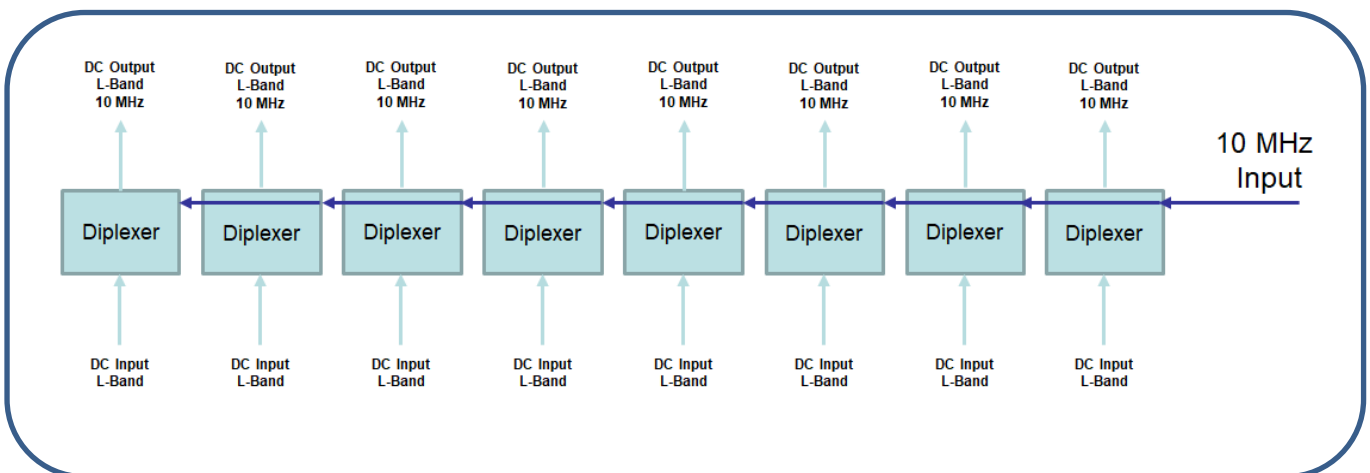
- 50 Ohm SMA
- DC pass through
- 10 MHz Diplexer
- 1 W forward power
- 1U 19" Shelf
- 1:8 Split
- Save chassis card space



The **ViaLiteHD** L-Band 10 MHz RF Diplexer has been designed to distribute a single 10 MHz reference frequency. With low insertion loss, this compact high quality diplexer can be applied to a multitude of applications such as teleport sites, operations centers and VSAT broadcast operations.

### Applications

- Satcom deployments
- Redundancy systems
- Long distance link systems
- Military communications
- Reference Frequency distribution



## Technical specification

Model number	HRF-1-L1-0T-41-R008		
Description	Units	Band 1	Band 2
Frequency range	MHz	700-2450	5-15
Insertion loss	dB	≤0.5	≤10
VSWR	typ	≤1.25	
Rejection	dB	≥40 @ 5-15 MHz	≥40 @ 700-2500 MHz
Phase balance	degrees	≤±2	
Isolation	dB	≥60 @ Between each filter	
Power	W (CW)	≤1	
Connector		SMA	
DC Pass		All L-band +10 MHz output ports	
Working temperature		-20 °C to +60 °C	

## Connector positioning

