

# FILTERS / DIPLEXERS

■ MODELS DPD2 : STVC : SBD : UVSJ : HLSJ

## SATELLITE / OFF-AIR & CATV DIPLEXER (HIGH PERFORMANCE)

Allows the combining (or separating if used in the reverse ) of Off-Air / CATV signals with satellite signals to a common cable. Separates TV and satellite signals prior to satellite receiver input and filters harmonics in the off-air spectrum from satellite conversion devices. The **DPD2** diplexer is specifically designed for Dish Network's™ DP44 installations, requiring continuous 2 amp power passing.



MODEL DPD2

PORT	Insertion Loss			Rejection		
	FREQUENCY (MHz)	QC	TYP	FREQUENCY	QC	TYP
VHF/UHF, CATV	40 - 806	1.5 dB	1 dB	950 - 2150	40 dB	40 - 50 dB
SATELLITE	950 - 2150	1.5 dB	1 dB	40 - 806	40 dB	40 - 50 dB

## SATELLITE / OFF-AIR & CATV DIPLEXER

The **STVC** allows the combining or separating of off-air and CATV signals with satellite signals to a common cable.



MODEL STVC

PORT	Insertion Loss		Rejection	
	FREQUENCY (MHz)	TYP	FREQUENCY	TYP
VHF/UHF,CATV	5 - 806	1 dB	950 - 2150	22 dB
SATELLITE	950 - 2150	1 dB	5 - 806	25 dB

## SUB-BAND/CATV SEPARATOR/JOINER

Allows the combining or seperating of return signals sub-bands (1-40 Mhz) and forward signals (54-1000 Mhz). Also provides low loss sub-band signal insertion in the distribution system or at the head-end. Can be used to enable 1-way amplifiers to become bi-directional.



MODEL SBD

PORT	Insertion Loss		Rejection	
	FREQUENCY (MHz)	TYP	FREQUENCY	TYP
SUB	1 - 40	.5 dB	54 - 1000	25 dB
CATV	54 - 1000	.7 dB	1 - 40	25 dB

## UHF/VHF SEPARATOR/JOINER

The **UVSJ** combines or separates UHF and VHF signals. Allows balancing of bands prior to amplification and the use of separate amplifiers in a system.



MODEL UVSJ

PORT	Insertion Loss		Rejection	
	FREQUENCY (MHz)	TYP	FREQUENCY	TYP
VHF	DC - 216	.5 dB	400 - 890	25 dB
UHF	470 - 890	.7 dB	DC - 216	25 dB

## HIGHBAND/LOWBAND SEPARATOR/JOINER

Combines or separates high and low band VHF signals. Provides low insertion loss prior to channel processing and allows the balancing of bands prior to amplification.



MODEL HLSJ

PORT	Insertion Loss		Rejection	
	FREQUENCY (MHz)	TYP	FREQUENCY	TYP
LOW	DC - 130	.5 dB	170 - 600	25 dB
HIGH	170 - 600	.7 dB	DC - 130	25 dB

NOTE: All specifications typical unless otherwise noted